STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

Ten Franklin Square, New Britain, CT 06051

Phone: (860) 827-2935 Fax: (860) 827-2950

E-Mail: siting.council@ct.gov

Internet: ct.gov/csc

Daniel F. Caruso
Chairman

August 22, 2008

Kenneth C. Baldwin, Esq.
Robinson & Cole LLP
280 Trumbull Street
Hartford, CT 06103-3597

RE: **EM-VER-096-080723** – Cellco Partnership d/b/a Verizon Wireless notice of intent to modify an existing telecommunications facility located at 4 Elkington Farm Road, New Milford, Connecticut.

Dear Attorney Baldwin:

The Connecticut Siting Council (Council) hereby acknowledges your notice to modify this existing telecommunications facility, pursuant to Section 16-50j-73 of the Regulations of Connecticut State Agencies, with the following conditions:

- The tower is reinforced as recommended in the structural analysis report dated April 4, 2008 and sealed by Raphael Mohamed, P.E. prior to the antenna swap in order to achieve a final post-construction tower rating of not more than 100 percent; and
- A signed letter from a Professional Engineer duly licensed in the State of Connecticut is submitted to the Council to certify that the modifications have been properly completed.

The proposed modifications are to be implemented as specified here and in your notice dated July 23, 2008, including the placement of all necessary equipment and shelters within the tower compound. The modifications are in compliance with the exception criteria in Section 16-50j-72 (b) of the Regulations of Connecticut State Agencies as changes to an existing facility site that would not increase tower height, extend the boundaries of the tower site, increase noise levels at the tower site boundary by six decibels, and increase the total radio frequencies electromagnetic radiation power density measured at the tower site boundary to or above the standard adopted by the State Department of Environmental Protection pursuant to General Statutes § 22a-162. This facility has also been carefully modeled to ensure that radio frequency emissions are conservatively below State and federal standards applicable to the frequencies now used on this tower.

This decision is under the exclusive jurisdiction of the Council. Please be advised that the validity of this action shall expire one year from the date of this letter. Any additional change to this facility will require explicit notice to this agency pursuant to Regulations of Connecticut State Agencies Section 16-50j-73. Such notice shall include all relevant information regarding the proposed change with cumulative worst-case modeling of radio frequency exposure at the closest point of uncontrolled access to the tower base, consistent with Federal Communications Commission, Office of Engineering and Technology, Bulletin 65. Any deviation from this format may result in the Council implementing enforcement proceedings pursuant to General Statutes § 16-50u including, without limitation, imposition of expenses resulting from such failure and of civil penalties in an amount not less than one thousand dollars per day for each day of construction or operation in material violation.

Thank you for your attention and cooperation.

Very truly yours,

S. Derek Phelps

S. Derek Phelps
Executive Director

SDP/MP/cm

c: The Honorable Patricia A. Murphy, Mayor, Town of New Milford
American Tower

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Daniel F. Caruso
Chairman

July 24, 2008

The Honorable Patricia A. Murphy
Mayor
Town of New Milford
Town Hall
10 Main Street
New Milford, CT 06776

RE: **EM-VER-096-080723** – Cellco Partnership d/b/a Verizon Wireless notice of intent to modify an existing telecommunications facility located at 4 Elkington Farm Road, New Milford, Connecticut.

Dear Mayor Murphy:

The Connecticut Siting Council (Council) received this request to modify an existing telecommunications facility, pursuant to Regulations of Connecticut State Agencies Section 16-50j-72.

If you have any questions or comments regarding this proposal, please call me or inform the Council by August 7, 2008.

Thank you for your cooperation and consideration.

Very truly yours,

S. Derek Phelps
Executive Director

SDP/jb

Enclosure: Notice of Intent

ROBINSON & C[illegible]

KENNETH C. BALDWIN

280 Trumbull Street
Hartford, CT 06103-3597
Main (860) 275-8200
Fax (860) 275-8299
kbaldwin@rc.com
Direct (860) 275-8345

EM-VER-096-080723

ORIGINAL

July 23, 2008

Via Hand Delivery

S. Derek Phelps
Executive Director
Connecticut Siting Council
10 Franklin Square
New Britain, CT 06051

Re: **Notice of Exempt Modification – Antenna Swap**
4 Elkington Farm Road, New Milford, Connecticut

Dear Mr. Phelps:

Cellco Partnership d/b/a Verizon Wireless ("Cellco") currently maintains a wireless telecommunications facility at the above referenced location. The Council approved Cellco's shared use of this facility on October 14, 2003. Cellco intends to modify its installation by replacing six of its twelve PCS antennas with four (4) LPA-80080/6CF and two (2) LPA-80063/6CF cellular antennas at the same 133-foot level on the 180-foot tower. The tower is owned by American Tower Corporation. Attached behind Tab 1 are the specifications for the proposed replacement antennas.

Please accept this letter as notification pursuant to R.C.S.A. § 16-50j-73, for construction that constitutes an exempt modification pursuant to R.C.S.A. § 16-50j-72(b)(2). In accordance with R.C.S.A. § 16-50j-73, a copy of this letter is being sent to Patricia Murphy, Mayor of the Town of New Milford. Pursuant to a Council directive, a copy of this letter is also being sent to Canterbury Schools Inc., the owner of the property on which the facility is located.

The planned modifications to the facility falls squarely within those activities explicitly provided for in R.C.S.A. § 16-50j-72(b)(2).

1. The proposed modifications will not result in any increase in the overall height of the existing structure. Cellco's replacement antennas will be located at the same height and location as the existing antennas.

2. The proposed modifications will not involve any ground-mounted equipment and, therefore, will not require the extension of the site boundaries.

3. The proposed modifications will not increase noise levels at the facility by six decibels or more.

4. The operation of the replacement antennas will not increase radio frequency (RF) power density levels at the facility to a level at or above the Federal Communications Commission (FCC) adopted safety standard. A cumulative power density table for the facility is included behind Tab 2.

Also attached is a Structural Analysis Report confirming that the tower, with modifications can support the proposed modifications. (See Tab 3).

For the foregoing reasons, Cellco respectfully submits that the proposed modifications to the above-referenced telecommunications facility constitutes an exempt modification under R.C.S.A. § 16-50j-72(b)(2).

Sincerely,

Kenneth C. Baldwin

Enclosures
Copy to:
Patricia Murphy, New Milford Mayor
Canterbury Schools Inc.
Sandy M. Carter

Vertically Polarized, Log Periodic 80° / 14 dBd

LPA-80080/6CF ___

When ordering replace "___" with connector type.

Mechanical specifications

Length	1800 mm	70.9 in
Width	140 mm	5.5 in
Depth	335 mm	13.2 in
Depth with z-bracket	375 mm	14.8 in
[4] Weight	9.5 kg	21.0 lbs
Wind Area		
Fore/Aft	0.25 m^2	2.7 ft^2
Side	0.60 m^2	6.5 ft^2
Rated Wind Velocity (Safety factor 2.0)	>216 km/hr	>134 mph
Wind Load @ 100 mph (161 km/hr)		
Fore/Aft	415 N	93.3 lbs
Side	870 N	195.6 lbs

Antenna consisting of aluminum alloy with brass feedlines covered by a UV safe fiberglass radome.

Mounting and Downtilting

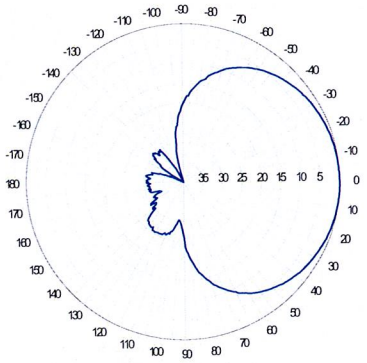
Mounting brackets attach to a pipe diameter of Ø50-102 mm (2.0-4.0 in). If the lock-down brace is used, the maximum diameter is Ø88.9 mm (3.5 in)

Mounting Bracket & Downtilt Bracket Kit #21699999

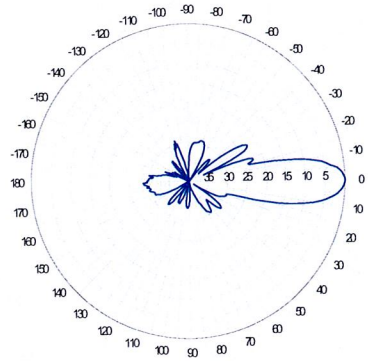
Electrical specifications

	Frequency Range	806-960 MHz
	Impedance	50Ω
[3]	Connector(s)	NE or E-DIN 1 port / center
[1]	VSWR	≤ 1.4:1
	Polarization	Vertical
[1]	Gain	14 dBd
[2]	Power Rating	500 W
[1]	Half Power Angle	
	H-Plane	80°
	E-Plane	10°
[1]	Electrical Downtilt	0°
[1]	Null Fill	10%
	Lightning Protection	Direct Ground

Radiation pattern[1]



Horizontal

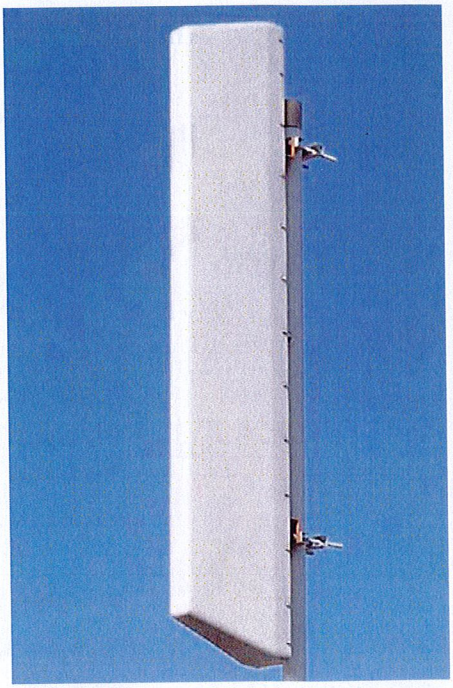


Vertical

Featuring upper side lobe suppression.

Radiation patterns for all antennas are measured with the antenna mounted on a fiberglass pole.

Mounting on a metal pole will typically improve the Front-to-Back ratio.



Amphenol Antel's Exclusive 3T (True Transmission Line Technology) Antenna Design:

- True log-periodic design allows for superior front-to-side characteristics to minimize sector overlap.
- Unique feedline design eliminates the need for conventional solder joints in the signal path.
- A non-collinear system with access to every radiating element for broad band-width and superior performance.
- Air as insulation for virtually no internal signal loss.

This Amphenol Antel antenna is under a five-year limited warranty for repair or replacement.

Antenna available with center-fed connector only.

CF Denotes a Center-Fed Connector.

806-960 MHz

1) Typical values.
2) Power rating limited by connector only.
3) NE indicates an elongated N connector. E-DIN indicates an elongated DIN connector.
4) The antenna weight listed above does not include the bracket weight.

Improvements to mechanical and/or electrical performance of the antenna may be made without notice.

Amphenol Antel, Inc. 1300 Capital Drive Rockford, Illinois 61109 USA Tel. (815) 399-0001
Toll-Free (888) 417-9562 Fax. (815) 399-0156 antel@antelinc.com www.antelinc.com

Amphenol Antel, Inc. The Antenna Technology Company

Revision Date: 6/17/08

Vertically Polarized, Log Periodic 63° / 14.5 dBd

LPA-80063/6CF ___

When ordering replace "___" with connector type.

Mechanical specifications

Length	1800 mm	70.9 in
Width	380 mm	15.0 in
Depth	332 mm	13.1 in
Depth with z-bracket	372 mm	14.6 in
[4] Weight	12.3 kg	27.0 lbs
Wind Area		
Fore/Aft	0.68 m^2	7.4 ft^2
Side	0.60 m^2	6.5 ft^2
Rated Wind Velocity (Safety factor 2.0)	>219 km/hr	>136 mph
Wind Load @ 100 mph (161 km/hr)		
Fore/Aft	993 N	223 lbs
Side	872 N	196 lbs

Antenna consisting of aluminum alloy with brass feedlines covered by a UV safe fiberglass radome.

Mounting and Downtilting

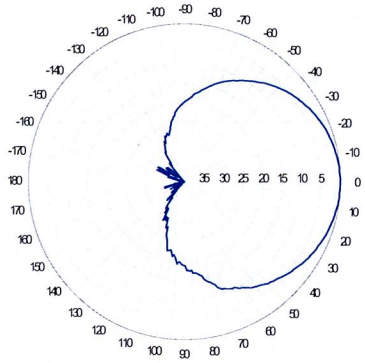
Mounting brackets attach to a pipe diameter of Ø50-102 mm (2.0-4.0 in). If the lock-down brace is used, the maximum diameter is Ø88.9 mm (3.5 in)

Mounting Bracket & Downtilt Bracket Kit #21699999

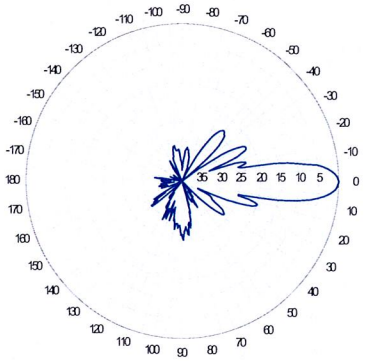
Electrical specifications

	Frequency Range	806-960 MHz
	Impedance	50Ω
[3]	Connector(s)	NE or E-DIN 1 port / center
[1]	VSWR	≤ 1.4:1
	Polarization	Vertical
[1]	Gain	14.5 dBd
[2]	Power Rating	500 W
[1]	Half Power Angle	
	H-Plane	63°
	E-Plane	10°
[1]	Electrical Downtilt	0°
[1]	Null Fill	10%
	Lightning Protection	Direct Ground

Radiation pattern[1]



Horizontal



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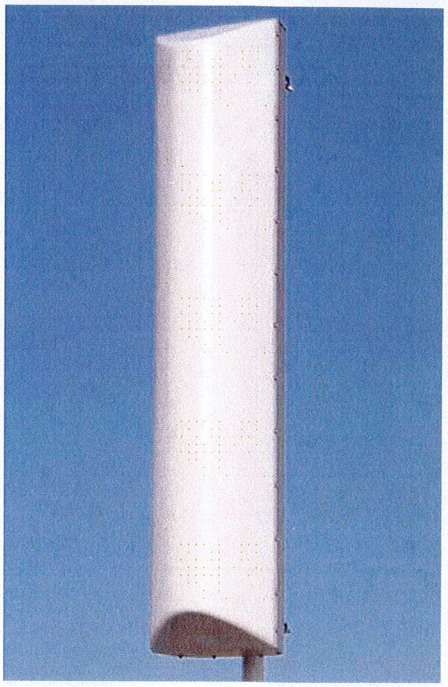

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Amphenol Antel, Inc. The Antenna Technology Company

Revision Date: 6/17/08

	General	Power	Density					
Site Name: New Milford								
Tower Height: Verizon @ 133ft								
CARRIER	**# OF CHAN.**	**WATTS ERP**	**HEIGHT**	**CALC. POWER DENS**	**FREQ.**	**MAX. PERMISS. EXP.**	**FRACTION MPE**	**Total**
*Cingular/TDMA	16	100	152	0.0249	880	0.5867	4.24%	
*Cingular/GSM	2	296	152	0.0092	880	0.5867	1.57%	
*Cingular/GSM	2	427	152	0.0133	1930	1.0000	1.33%	
*PageNet	2	165	157	0.0048	930	0.6200	0.78%	
*Nextel	9	100	110	0.0267	851	0.5673	4.71%	
*AT&T	8	266	120	0.0531	869	0.5793	9.17%	
*AT&T	2	150	120	0.0075	1900	1.0000	0.75%	
*Sprint	11	395.5	140	0.0798	1962.5	1.0000	7.98%	
Verizon	**9**	**485**	**133**	**0.0887**	**1970**	**1.0000**	**8.87%**	
Verizon	**9**	**200**	**133**	**0.0366**	**875**	**0.5830**	**6.28%**	
								45.69%
* Source: Siting Council								

AMERICAN TOWER

Structural Analysis Report

Structure	:	**150 ft ITT Meyer Monopole**
ATC Site Name	:	**New Milford CT 2, CT**
ATC Site Number	:	**302523**
Proposed Carrier	:	**Verizon**
Carrier Site Name	:	**New Milford**
Carrier Site Number	:	**N/A**
County	:	**Litchfield**
Eng. Number	:	**41658223**
Date	:	**April 4, 2008**
Usage	:	**132%**
Portholes Required	:	**No**

Submitted by:
David Johnson, E.I.
Design Engineer

STATE OF CONNECTICUT
RAPHAEL I MOHAMED
No. 20112
LICENSED
PROFESSIONAL ENGINEER

4/9/08

American Tower Engineering Services
400 Regency Forest Drive
Cary, NC 27518
Phone: 919-468-0112

Introduction

The purpose of this report is to summarize results of the structural analysis performed on the 150 ft ITT Meyer Monopole located at 4 Elkington Farm Road, New Milford, CT 06776, Litchfield County (ATC site #302523). The tower was originally designed and manufactured by ITT Meyer per Type 'B" specifications (Specification #AT-8935, dated April 13, 1984). Additionally, the tower was modified for Spectrasite per design by Scientel (Drawing# S01, dated March 7, 2002).

Analysis

The tower was analyzed using Semaan Engineering Solutions, Inc., Software. The analysis assumes that the tower is in good, undamaged, and non-corroded condition.

Basic Wind Speed:	95.0 mph (3-Second Gust)
Radial Ice:	40.0 mph (3-Second Gust) w/ 1.25" ice
Code:	TIA/EIA-222-G / 2003 International Building Code (IBC) w/ 2005 Connecticut Supplement

Antenna Loads

The following antenna loads were used in the tower analysis.

Existing Antennas

Elev. (ft)	Qty	Antennas	Mount	Coax (in)	Carrier
152.0	9	ADC Cleargain DD1900	Round Low Profile Platform	--	AT&T Mobility
	9	CSS DUO1417-8686		(9) 1 1/4	
140.0	6	Decibel DB980H90E-M	Round Low Profile Platform	(6) 1 5/8	Sprint Nextel
120.0	3	24" x 12" Panels	Round Low Profile Platform	(6) 1 5/8	Alltel
	3	Decibel 731DG85V1EXM		(6) 1 5/8	
110.0	3	72" x 12" Panels	(3) Round T-Arm	(6) 1 5/8	Sprint Nextel
	9	48" x 12" Panels		(9) 1 5/8	
75.0	1	GPS	Flush	(1) 1/2	

Proposed Antennas

Elev. (ft)	Qty	Antennas	Mount	Coax (in)	Carrier
133.0	4	Decibel 950F852E-M	Round Low Profile Platform	(4) 1 5/8	Verizon
	4	Antel LPA-80080/6CF		(4) 1 5/8	
	2	Decibel DB950F65E-M		(6) 1 5/8	
	2	Antel LPA-80063/6CF		(2) 1 5/8	

Install proposed in the same location as the existing.

Results

The maximum structure usage is: 132%

Additional exit and/or entry ports may be required to accommodate the running of the proposed lines to the proposed antennas. These additional ports **may not** be installed without installation drawings providing the location, size and welding requirements of each port.

To ensure compliance with all conditions of this structural analysis, port installation drawings shall be provided by American Tower's Engineering Department under a subsequent project.

Pole Reactions	Original Design Reactions	Original Design Reactions x 1.35	Current Analysis Reactions	% Of Design
Moment (ft-kips)	1,197.0	1,616.0	2,816.6	174
Shear (kips)	13.1	17.7	28.3	160

The structure base reactions resulting from this analysis were found to be acceptable through analysis based on geotechnical and foundation information, therefore no modification or reinforcement of the foundation will be required.

Conclusion

Based on the analysis results, the structure does not meet the requirements per TIA/EIA-222-G and 2003 IBC w/ 2005 Connecticut Supplement standards. The tower and foundation can support the existing and proposed equipment after the modifications listed below are completed.

- Reinforce the pole from 85' to 120'.

If you have any questions or require additional information, please call 919-463-6281.

Standard Conditions

All engineering services are performed on the basis that the information used is current and correct. This information may consist of, but is not necessary limited, to:

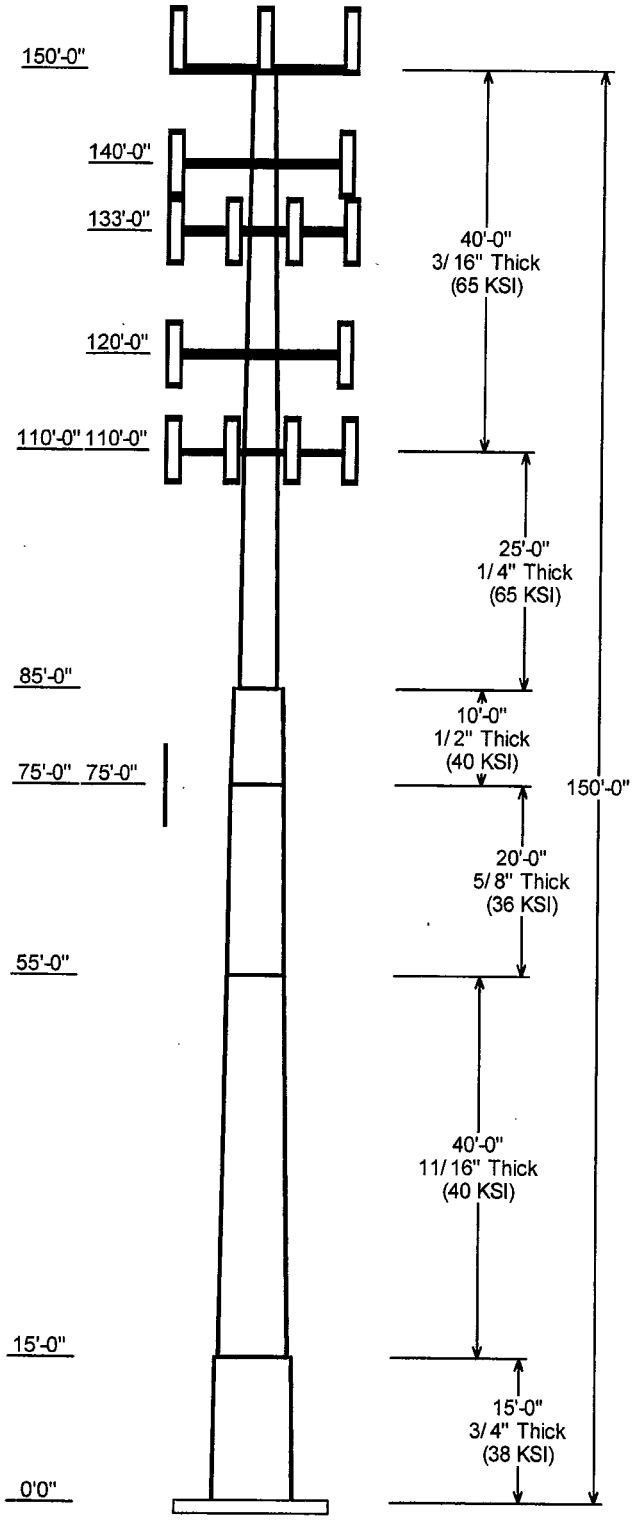
-- Information supplied by the client regarding the structure itself, the antenna and feed line loading on the structure and its components, or other relevant information.

-- Information from drawings in the possession of American Tower Corporation, or generated by field inspections or measurements of the structure.

It is the responsibility of the client to ensure that the information provided to ATC Engineering Services and used in the performance of our engineering services is correct and complete. In the absence of information to the contrary, we assume that all structures were constructed in accordance with the drawings and specifications and are in an un-corroded condition and have not deteriorated; and we, therefore, assume that their capacity has not significantly changed from the "as new" condition.

All services will be performed to the codes specified by the client, and we do not imply to meet any other codes or requirements unless explicitly agreed in writing. If wind and ice loads or other relevant parameters are to be different from the minimum values recommended by the codes, the client shall specify the exact requirement. In the absence of information to the contrary, all work will be performed in accordance with the latest relevant revision of ANSI/EIA-222.

All services are performed, results obtained, and recommendations made in accordance with generally accepted engineering principles and practices. ATC Engineering Services is not responsible for the conclusions, opinions and recommendations made by others based on the information we supply.



Job Information

Pole :	302523	Code: ANSI/TIA-222 Rev G	
Description :	150 ft Monopole		Struct Class : II
Client :	Verizon		Exposure : B
Location :	New Milford CT 2, CT		Topo : 1
Shape :	12 Sides	Base Elev (ft):	0.00
Height :	150.00 (ft)	Taper:	0.156709(in/ft)

Sections Properties

Shaft Section	Length (ft)	Diameter (in) Accross Flats Top	Bottom	Thick (in)	Joint Type	Overlap Length (in)	Taper (in/ft)	Steel Grade (ksi)
1	15.000	45.395	53.900	0.750		0.000	0.567000	38
2	40.000	39.100	45.600	0.688	Butt Joint	0.000	0.162500	40
3	20.000	36.133	39.400	0.625	Butt Joint	0.000	0.163330	36
4	10.000	34.499	36.133	0.500	Butt Joint	0.000	0.163333	40
5	25.000	21.250	25.230	0.250	Butt Joint	0.000	0.159200	65
6	40.000	15.000	21.250	0.188	Butt Joint	0.000	0.156250	65

Discrete Appurtenance

Attach Elev (ft)	Force Elev (ft)	Qty	Description
150.000	150.000	1	Round Low Profile Platform
150.000	152.000	9	ADC Cleargain DD1900
150.000	152.000	9	CSS DUO1417-8686
140.000	140.000	1	Round Low Profile Platform
140.000	140.000	6	Decibel DB980H90E-M
133.000	133.000	4	Decibel 950F852E-M
133.000	133.000	4	Antel LPA-80080/6CF
133.000	133.000	2	Decibel DB950F65E-M
133.000	133.000	2	Antel LPA-80063/6CF
133.000	133.000	1	Round Low Profile Platform
120.000	120.000	1	Round Low Profile Platform
120.000	120.000	3	24" x 12" Panels
120.000	120.000	3	Decibel 731DG85V1EXM
110.000	110.000	3	Round T-Arm
110.000	110.000	3	72" x 12" Panels
110.000	110.000	9	48" x 12" Panels
75.000	75.000	1	GPS

Linear Appurtenance

Elev (ft) From	To	Description	Exposed To Wind
85.000	110.00	1 5/8" Coax	Yes
85.000	133.00	1 5/8" Coax	Yes
0.000	140.00	1 5/8" Coax	No
0.000	152.00	1 1/4" Coax	No
0.000	120.00	1 5/8" Coax	No
0.000	75.000	1/2" Coax	Yes
0.000	85.000	1 5/8" Coax	No
0.000	85.000	Seam Flange	Yes

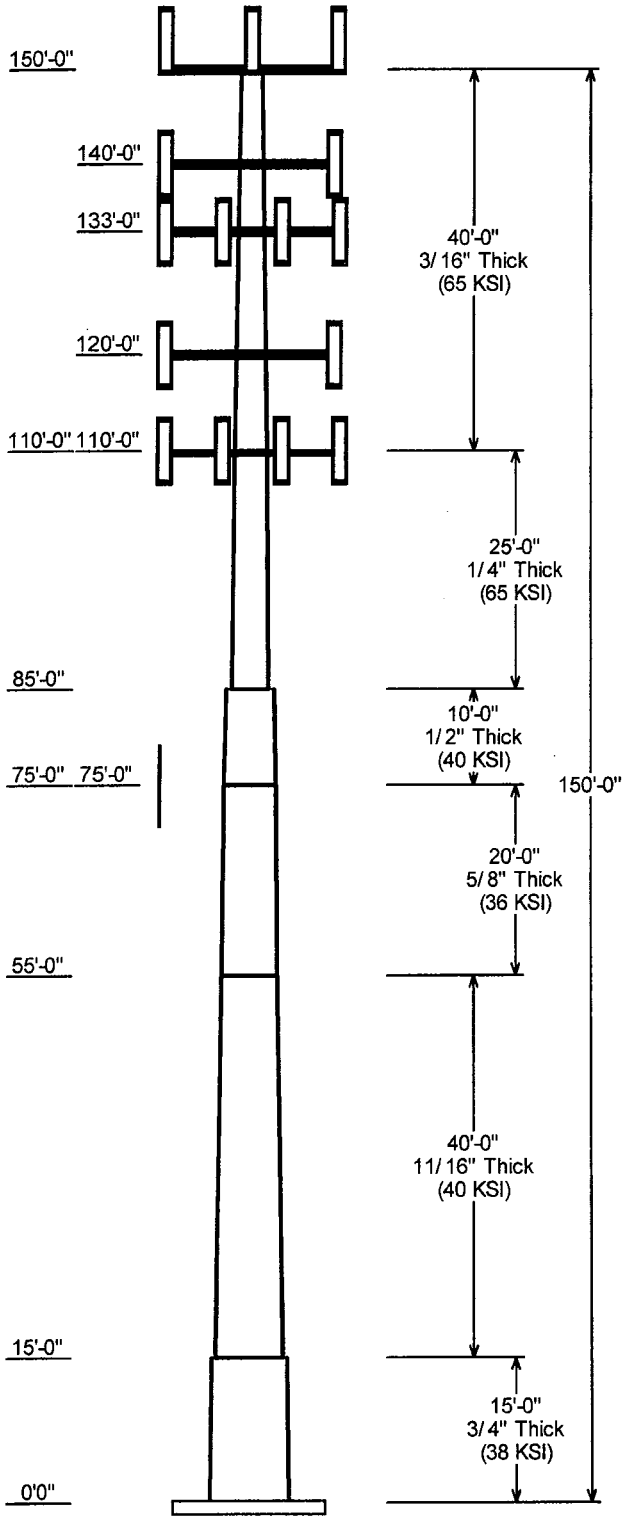
Load Cases

1.2D + 1.6W	95.00 mph with No Ice
0.9D + 1.6W	95.00 mph with No Ice (Reduced DL)
1.2D + 1.0Di + 1.0Wi	40.00 mph with 1.25 in Radial Ice
1.2D + 1.0E	Dead Load with Seismic
0.9D + 1.0E	Dead Load with Seismic (Reduced DL)

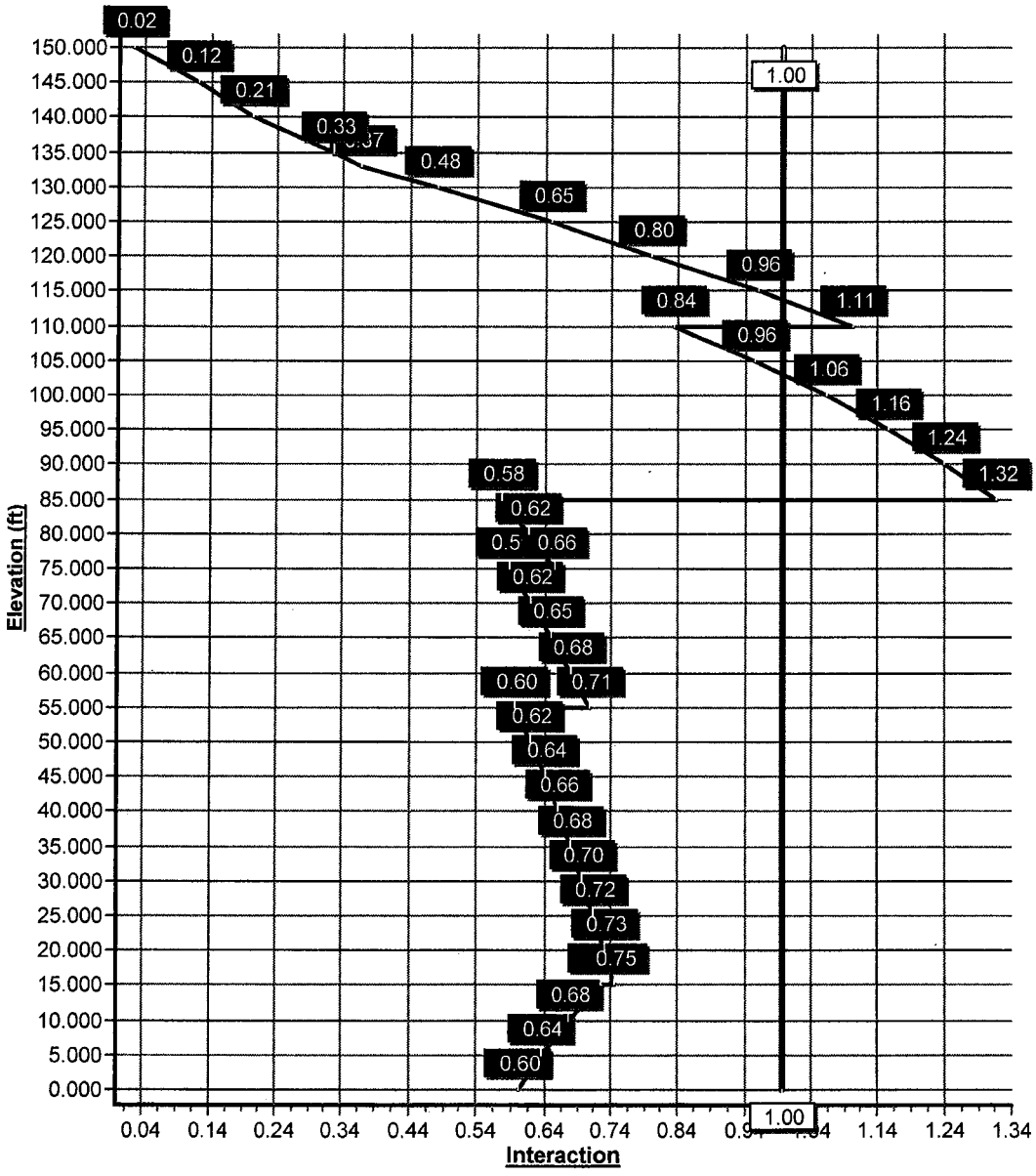
Reactions

Load Case	Moment (Kip-ft)	Shear (Kips)	Axial (Kips)
1.2D + 1.6W	2816.58	28.31	56.80

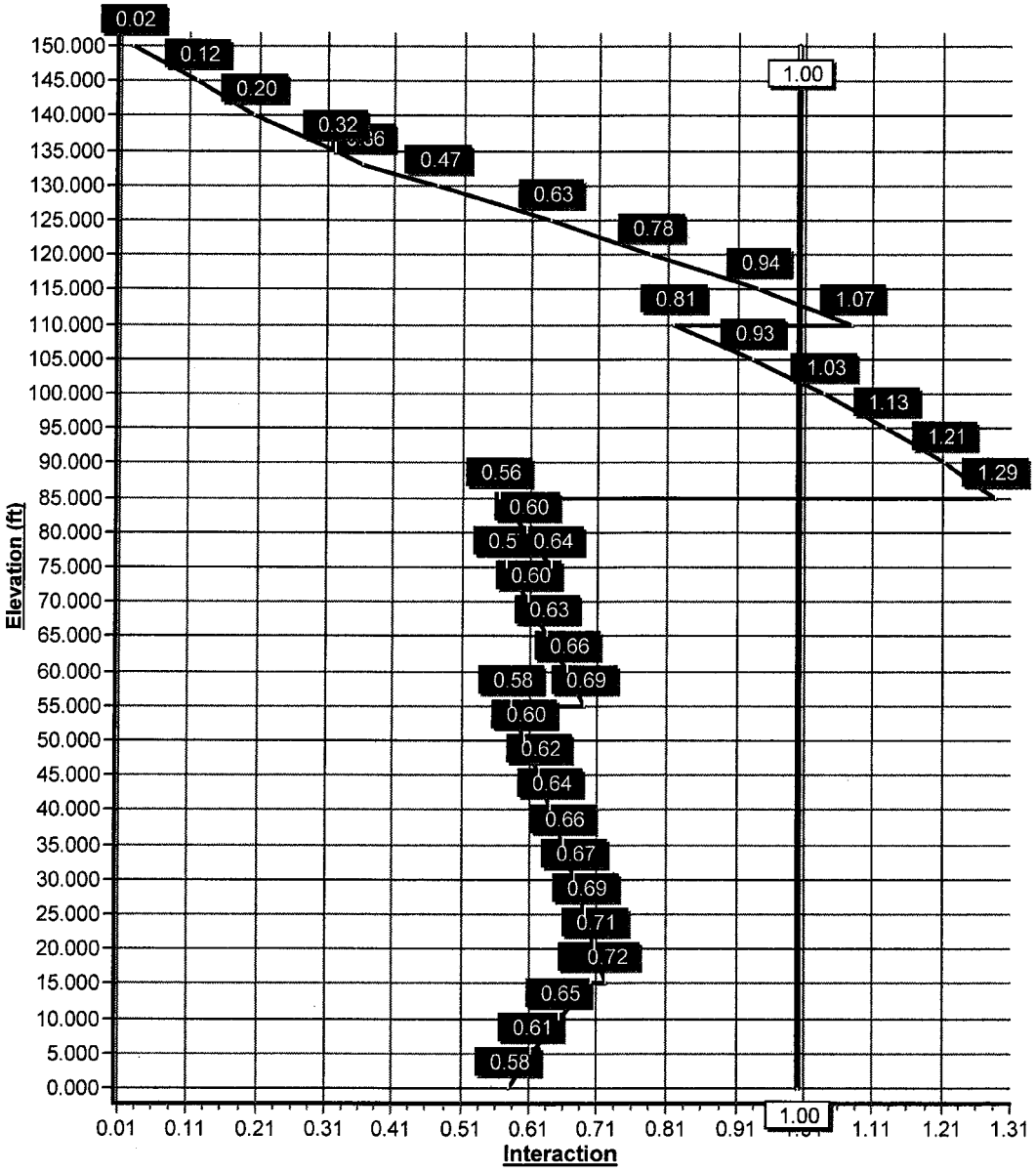
0.9D + 1.6W	2709.57	26.98	42.59
1.2D + 1.0Di + 1.0Wi	513.97	4.61	99.90
1.2D + 1.0E	786.43	8.85	56.82
0.9D + 1.0E	781.02	8.85	42.61



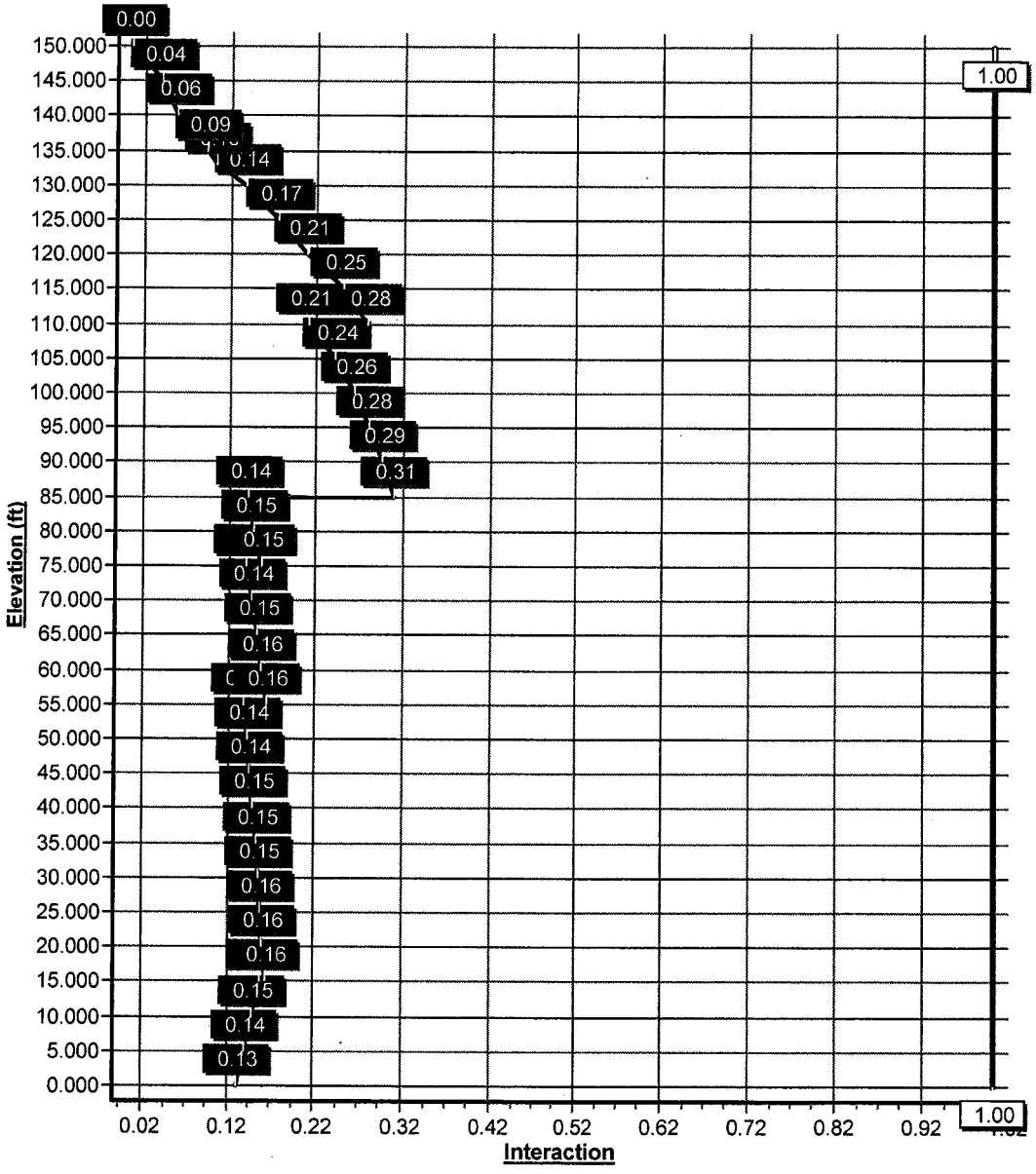
Load Case : 1.2D + 1.6W
Max Ratio 131.93% at 85.0ft



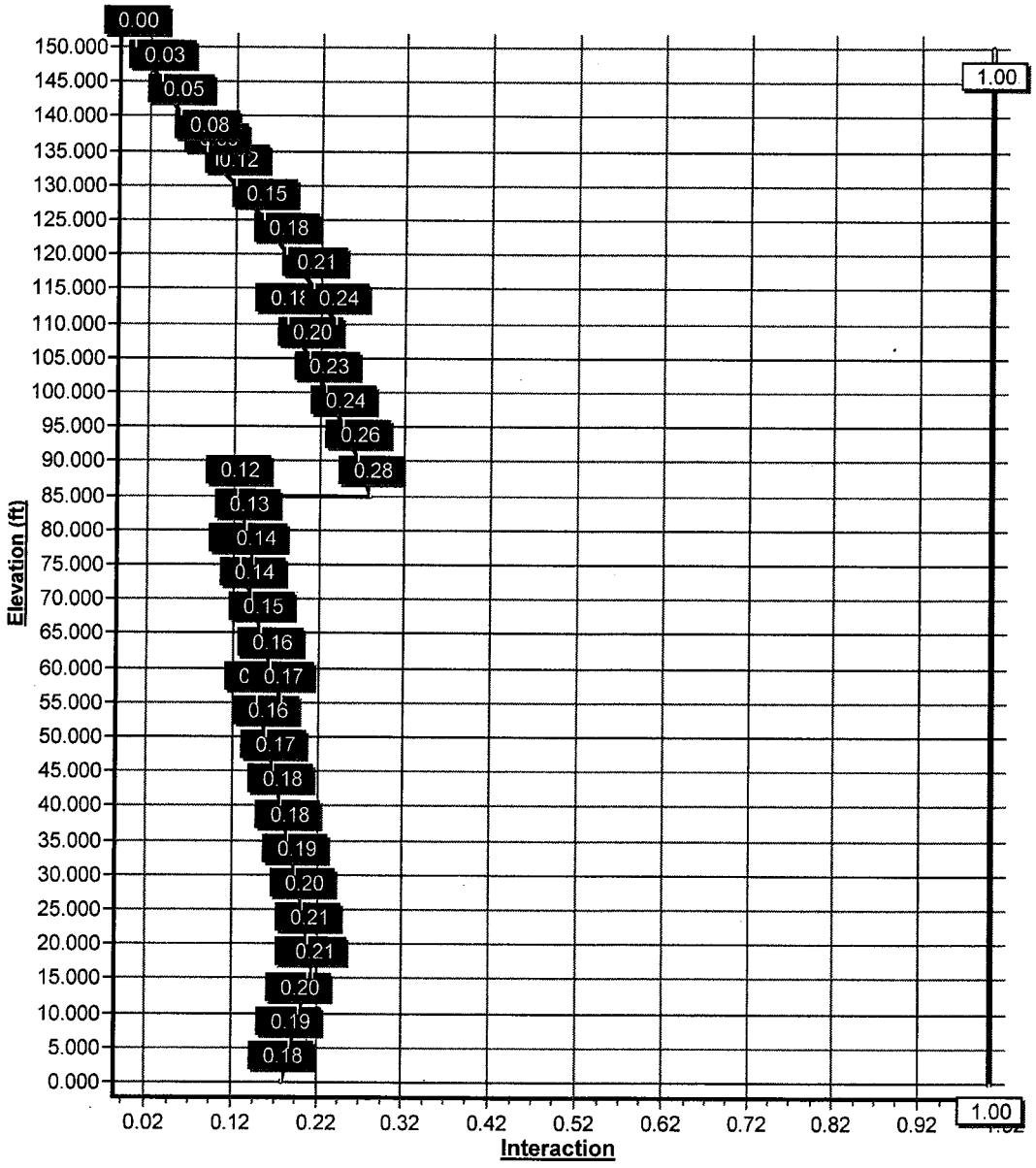
Load Case : 0.9D + 1.6W
Max Ratio 128.53% at 85.0ft



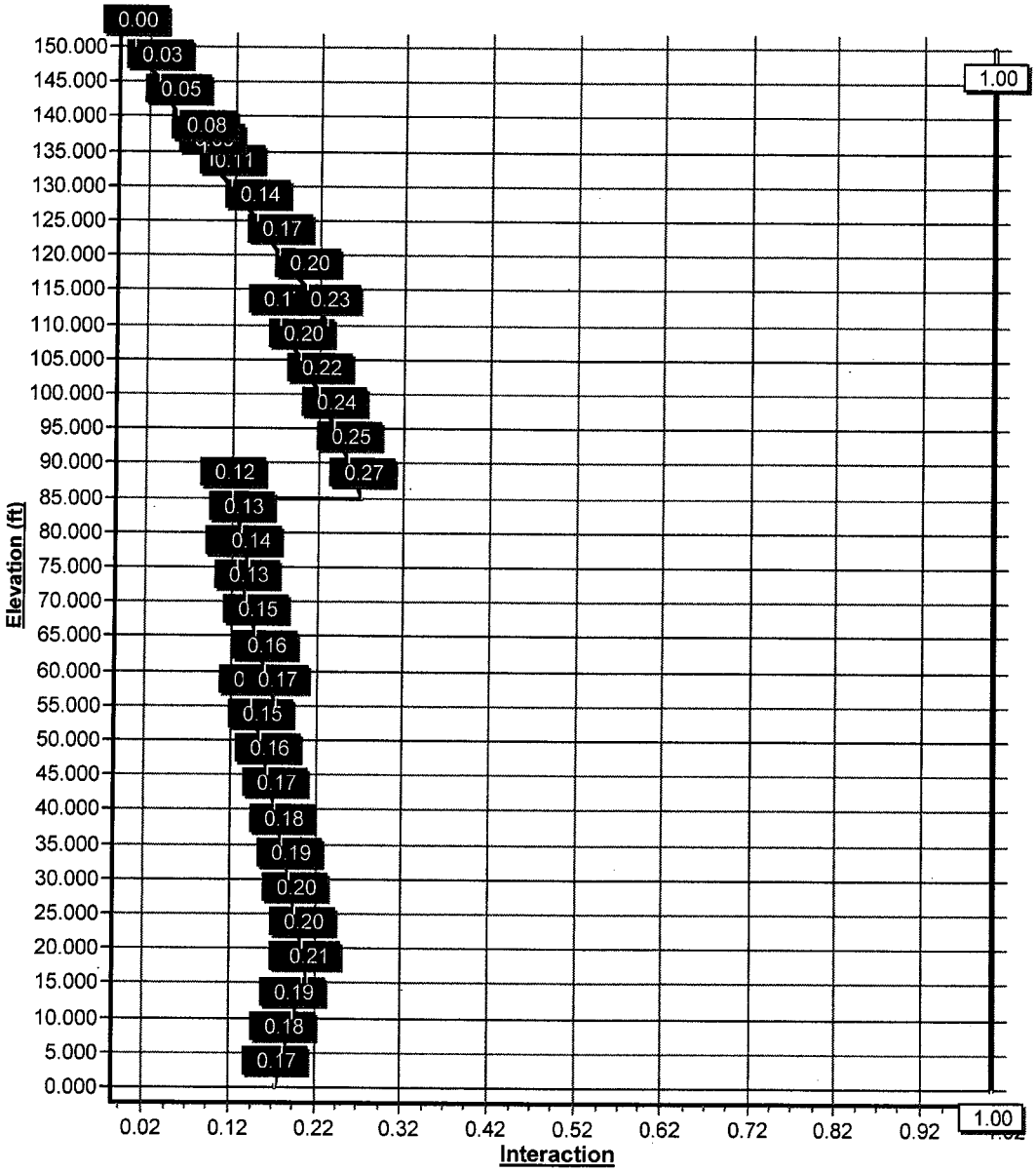
Load Case : 1.2D + 1.0Di + 1.0Wi
Max Ratio 30.67% at 85.0ft



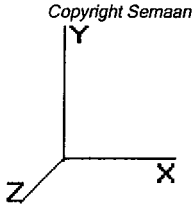
Load Case : 1.2D + 1.0E
Max Ratio 27.63% at 85.0ft



Load Case : 0.9D + 1.0E
Max Ratio 26.86% at 85.0ft



Pole :	302523	Code: ANSI/TIA-222 Rev G	
Location :	New Milford CT 2, CT	Struct Class : II	
Height :	150.0 (ft)	Exposure Category : B	
Shape :	12 Sides	Topographic Category : 1	
Base Dia :	53.900 (in)		
Top Dia :	15.000 (in)		
Taper :	0.156709 (in/ft)	Base Elev : 0.000 (ft)	



Shaft Section Properties

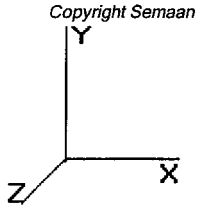
Sect Num	Length (ft)	Thick (in)	Fy (ksi)	Joint Type	Slip Joint Len (in)	Weight (lb)	Bottom Dia (in)	Bottom Elev (ft)	Bottom Area (sqin)	Bottom Ix (in^4)	Bottom W/t Ratio	Bottom D/t Ratio	Top Dia (in)	Top Elev (ft)	Top Area (sqin)	Top Ix (in^4)	Top W/t Ratio	Top D/t Ratio	Taper (in/ft)
1	15.000	0.7500	38		0.00	6,027	53.90	0.000	128.3	46281.3	16.58	71.87	45.395	15.00	107.8	27429.2	13.54	60.53	0.56700
2	40.000	0.6875	40	Butt Joint	0.00	12,554	45.60	15.00	99.42	25598.3	15.09	66.33	39.100	55.00	85.04	16014.9	12.56	56.87	0.16250
3	20.000	0.6250	36	Butt Joint	0.00	5,087	39.40	55.00	78.03	14975.0	14.21	63.04	36.133	75.00	71.46	11500.2	12.81	57.81	0.16333
4	10.000	0.5000	40	Butt Joint	0.00	1,907	36.13	75.00	57.37	9297.5	16.68	72.27	34.499	85.00	54.74	8076.7	15.81	69.00	0.16333
5	25.000	0.2500	65	Butt Joint	0.00	1,574	25.23	85.00	20.11	1601.6	24.36	100.92	21.250	110.0	16.90	951.6	20.10	85.00	0.15920
6	40.000	0.1875	65	Butt Joint	0.00	1,474	21.25	110.0	12.72	720.1	27.69	113.33	15.000	150.0	8.94	250.5	18.76	80.00	0.15625
				Shaft Weight		28,624													

Discrete Appurtenance Properties

Attach Elev (ft)	Description	Qty	No Ice Weight (lb)	No Ice CaAa (sf)	No Ice CaAa Factor	Ice Weight (lb)	Ice CaAa (sf)	Ice CaAa Factor	Distance From Face (ft)	Vert Ecc (ft)
150.00	Round Low Profile Platform	1	1500.00	21.700	1.00	2582.03	53.764	1.00	0.000	0.000
150.00	ADC Cleargain DD1900	9	25.00	1.290	0.50	110.04	1.793	0.50	0.000	2.000
150.00	CSS DUO1417-8686	9	20.30	6.530	0.82	336.44	7.576	0.83	0.000	2.000
140.00	Round Low Profile Platform	1	1500.00	21.700	1.00	2574.58	53.543	1.00	0.000	0.000
140.00	Decibel DB980H90E-M	6	8.50	3.900	0.79	197.72	5.707	0.82	0.000	0.000
133.00	Decibel 950F852E-M	4	11.50	2.780	1.39	215.05	4.265	1.33	0.000	0.000
133.00	Antel LPA-80080/6CF	4	21.00	4.320	1.83	383.66	6.380	1.74	0.000	0.000
133.00	Decibel DB950F65E-M	2	16.00	6.420	1.00	321.18	8.032	1.00	0.000	0.000
133.00	Antel LPA-80063/6CF	2	27.00	10.340	1.00	546.99	11.916	1.00	0.000	0.000
133.00	Round Low Profile Platform	1	1500.00	21.700	1.00	2569.10	53.380	1.00	0.000	0.000
120.00	Round Low Profile Platform	1	1500.00	21.700	1.00	2558.16	53.056	1.00	0.000	0.000
120.00	24" x 12" Panels	3	20.00	2.800	0.75	162.94	3.553	0.77	0.000	0.000
120.00	Decibel 731DG85V1EXM	3	20.00	6.067	0.81	303.35	7.138	0.82	0.000	0.000
110.00	Round T-Arm	3	250.00	9.700	0.67	588.38	23.048	0.67	0.000	0.000
110.00	72" x 12" Panels	3	45.00	8.400	0.67	393.61	10.313	0.67	0.000	0.000
110.00	48" x 12" Panels	9	30.00	5.600	0.67	274.92	6.726	0.67	0.000	0.000
75.00	GPS	1	10.00	1.000	1.00	31.71	2.086	1.00	0.000	0.000
	Totals	62	7959.70			10675.25			Number of Loadings :	17

Linear Appurtenance Properties

Elev From (ft)	Elev To (ft)	Description	Exposed Width (in)	Exposed To Wind
0.00	152.00	(9) 1 1/4" Coax	0.00	N
0.00	140.00	(6) 1 5/8" Coax	0.00	N
85.00	133.00	(16) 1 5/8" Coax	4.00	Y
0.00	120.00	(12) 1 5/8" Coax	0.00	N
85.00	110.00	(12) 1 5/8" Coax	4.00	Y
0.00	85.00	(28) 1 5/8" Coax	0.00	N
0.00	85.00	(2) Seam Flange	6.00	Y
0.00	75.00	(1) 1/2" Coax	0.00	Y

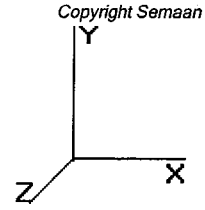


Segment Properties

(Max Len : 5 ft)

Seg Top Elev (ft)	Description	Thick (in)	Flat Dia (in)	Area (in^2)	Ix (in^4)	W/t Ratio	D/t Ratio	F'y (ksi)	S (in3)	Weight (lb)
0.00		0.7500	53.900	128.357	46,281.3	16.58	71.87	38.4	1658.	0.0
5.00		0.7500	51.065	121.510	39,263.4	15.56	68.09	38.4	1485.	2,125.6
10.00		0.7500	48.230	114.663	32,993.4	14.55	64.31	38.4	1321.	2,009.1
15.00	Top - Section 1	0.7500	45.395	107.817	27,429.2	13.54	60.53	38.4	1167.	1,892.6
15.00	Bot - Section 2	0.6875	45.600	99.425	25,598.3	15.09	66.33	40.1	1084.	
20.00		0.6875	44.787	97.626	24,234.0	14.78	65.15	40.1	1045.	1,676.3
25.00		0.6875	43.975	95.827	22,919.0	14.46	63.96	40.1	1006.	1,645.7
30.00		0.6875	43.162	94.029	21,652.5	14.14	62.78	40.1	969.1	1,615.1
35.00		0.6875	42.350	92.230	20,433.6	13.83	61.60	40.1	932.1	1,584.5
40.00		0.6875	41.537	90.431	19,261.2	13.51	60.42	40.1	895.8	1,553.9
45.00		0.6875	40.725	88.633	18,134.6	13.19	59.24	40.1	860.2	1,523.3
50.00		0.6875	39.912	86.834	17,052.8	12.88	58.05	40.1	825.4	1,492.7
55.00	Top - Section 2	0.6875	39.100	85.035	16,014.9	12.56	56.87	40.1	791.3	1,462.1
55.00	Bot - Section 3	0.6250	39.400	78.034	14,975.0	14.21	63.04	36.4	734.3	
60.00		0.6250	38.583	76.391	14,048.6	13.86	61.73	36.4	703.4	1,313.7
65.00		0.6250	37.766	74.747	13,161.2	13.51	60.43	36.4	673.2	1,285.7
70.00		0.6250	36.950	73.104	12,312.0	13.16	59.12	36.4	643.7	1,257.8
75.00	Top - Section 3	0.6250	36.133	71.460	11,500.2	12.81	57.81	36.4	614.9	1,229.8
75.00	Bot - Section 4	0.5000	36.133	57.369	9,297.5	16.68	72.27	40.4	497.1	
80.00		0.5000	35.316	56.054	8,672.8	16.25	70.63	40.4	474.4	964.9
85.00	Top - Section 4	0.5000	34.500	54.739	8,076.7	15.81	69.00	40.4	452.3	942.5
85.00	Bot - Section 5	0.2500	25.230	20.109	1,601.6	24.36	100.92	65.0	122.6	
90.00		0.2500	24.434	19.468	1,453.3	23.51	97.74	65.0	114.9	336.7
95.00		0.2500	23.638	18.827	1,314.5	22.66	94.55	65.0	107.4	325.8
100.00		0.2500	22.842	18.186	1,184.8	21.80	91.37	65.0	100.2	314.9
105.00		0.2500	22.046	17.546	1,063.9	20.95	88.18	65.0	93.2	304.0
110.00	Top - Section 5	0.2500	21.250	16.905	951.6	20.10	85.00	65.0	86.5	293.1
110.00	Bot - Section 6	0.1875	21.250	12.716	720.1	27.69	113.33	65.0	65.5	
115.00		0.1875	20.469	12.245	642.9	26.57	109.17	65.0	60.7	212.3
120.00		0.1875	19.688	11.773	571.4	25.46	105.00	65.0	56.1	204.3
125.00		0.1875	18.906	11.301	505.4	24.34	100.83	65.0	51.6	196.3
130.00		0.1875	18.125	10.830	444.8	23.22	96.67	65.0	47.4	188.3
133.00		0.1875	17.656	10.547	410.8	22.55	94.17	65.0	44.9	109.1
135.00		0.1875	17.344	10.358	389.1	22.11	92.50	65.0	43.3	71.1
140.00		0.1875	16.563	9.886	338.4	20.99	88.33	65.0	39.5	172.2
145.00		0.1875	15.781	9.415	292.2	19.87	84.17	65.0	35.8	164.2
150.00		0.1875	15.000	8.943	250.5	18.76	80.00	65.0	32.3	156.2
										28,623.6

Pole :	302523	Code: ANSI/TIA-222 Rev G	
Location :	New Milford CT 2, CT	Struct Class : II	
Height :	150.0 (ft)	Exposure Category : B	
Shape :	12 Sides	Topographic Category : 1	
Base Dia :	53.900 (in)		
Top Dia :	15.000 (in)		
Taper :	0.156709 (in/ft)	Base Elev : 0.000 (ft)	



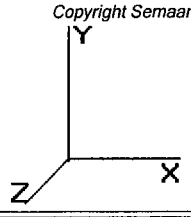
Load Case: 1.2D + 1.6W — 95.00 mph with No Ice — 23 Iterations

Gust Response Factor 1.10
Dead Load Factor : 1.20
Wind Load Factor : 1.60

Wind Importance Factor : 1.00

Shaft Segment Forces (Factored)

Seg Top Elev (ft)	Description	Kzt	Kz	qz (psf)	qzGh (psf)	C (mph-ft)	Cf		Ice Thick (in)	Tributary (ft)	Aa (sf)	CfAa (sf)	Wind Force X (lb)	Dead Load Ice (lb)	Tot Dead Load (lb)
0.00		1.00	0.70	15.364	16.901	369.60	1.000		0.000	0.00	0.000	0.00	0.0	0.0	0.0
5.00		1.00	0.70	15.364	16.901	350.16	1.031	*	0.000	5.00	22.639	23.35	631.3	0.0	2,550.7
10.00		1.00	0.70	15.364	16.901	330.72	1.050	*	0.000	5.00	21.416	22.49	608.2	0.0	2,410.9
15.00	Top - Section 1	1.00	0.70	15.364	16.901	311.28	1.071	*	0.000	5.00	20.193	21.64	585.0	0.0	2,271.2
20.00		1.00	0.70	15.364	16.901	307.11	1.085	*	0.000	5.00	19.495	21.15	571.8	0.0	2,011.6
25.00		1.00	0.70	15.364	16.901	301.54	1.092	*	0.000	5.00	19.144	20.90	565.2	0.0	1,974.8
30.00		1.00	0.70	15.377	16.915	296.09	1.099	*	0.000	5.00	18.794	20.66	559.0	0.0	1,938.1
35.00		1.00	0.73	16.070	17.676	296.99	1.107	*	0.000	5.00	18.443	20.41	577.3	0.0	1,901.4
40.00		1.00	0.76	16.694	18.364	296.90	1.115	*	0.000	5.00	18.093	20.17	592.5	0.0	1,864.7
45.00		1.00	0.78	17.266	18.992	296.03	1.123	*	0.000	5.00	17.742	19.92	605.3	0.0	1,827.9
50.00		1.00	0.81	17.793	19.573	294.53	1.131	*	0.000	5.00	17.392	19.67	616.1	0.0	1,791.2
55.00	Top - Section 2	1.00	0.83	18.285	20.113	292.49	1.140	*	0.000	5.00	17.042	19.43	625.2	0.0	1,754.5
60.00		1.00	0.85	18.745	20.619	292.23	1.146	*	0.000	5.00	16.820	19.27	635.9	0.0	1,576.4
65.00		1.00	0.87	19.179	21.096	289.33	1.155	*	0.000	5.00	16.467	19.03	642.2	0.0	1,542.9
70.00		1.00	0.89	19.589	21.548	286.09	1.165	*	0.000	5.00	16.115	18.78	647.5	0.0	1,509.3
75.00	Top - Section 3	1.00	0.91	19.979	21.977	282.54	1.176	*	0.000	5.00	15.763	18.53	651.7	0.0	1,475.8
80.00		1.00	0.92	20.351	22.386	278.71	1.187	*	0.000	5.00	15.410	18.29	655.0	0.0	1,157.9
85.00	Top - Section 4	1.00	0.94	20.706	22.777	274.63	1.198	*	0.000	5.00	15.058	18.04	657.5	0.0	1,131.0
90.00		1.00	0.95	21.047	23.152	196.10	1.200	*	0.000	5.00	10.712	12.85	476.2	0.0	404.0
95.00		1.00	0.97	21.375	23.512	191.18	1.200	*	0.000	5.00	10.368	12.44	468.1	0.0	390.9
100.0		1.00	0.98	21.690	23.860	186.10	1.200	*	0.000	5.00	10.025	12.03	459.2	0.0	377.8
105.0		1.00	1.00	21.995	24.194	180.87	1.200	*	0.000	5.00	9.682	11.62	449.7	0.0	364.8
110.0	Top - Section 5	1.00	1.01	22.289	24.518	175.50	1.200	*	0.000	5.00	9.338	11.21	439.6	0.0	351.7
115.0		1.00	1.02	22.574	24.832	170.13	1.256	*	0.000	5.00	8.998	11.30	448.9	0.0	254.8
120.0	Appertunance(s)	1.00	1.04	22.850	25.135	164.63	1.277	*	0.000	5.00	8.661	11.06	444.9	0.0	245.2
125.0		1.00	1.05	23.118	25.430	159.02	1.200	*	0.000	5.00	8.324	9.99	406.4	0.0	235.6
130.0		1.00	1.06	23.379	25.717	153.31	1.200	*	0.000	5.00	7.987	9.58	394.4	0.0	225.9
133.0	Appertunance(s)	1.00	1.07	23.532	25.885	149.83	1.200	*	0.000	3.00	4.630	5.56	230.1	0.0	130.9
135.0		1.00	1.07	23.632	25.996	147.49	1.000		0.000	2.00	3.020	3.02	125.6	0.0	85.4
140.0	Appertunance(s)	1.00	1.08	23.879	26.267	141.58	1.000		0.000	5.00	7.313	7.31	307.3	0.0	206.7
145.0		1.00	1.09	24.120	26.532	135.58	1.000		0.000	5.00	6.976	6.98	296.1	0.0	197.0
150.0	Appertunance(s)	1.00	1.11	24.355	26.790	129.50	1.000		0.000	5.00	6.639	6.64	284.6	0.0	187.4
* = Cf Adjusted By Linear Load Ra Effect								Totals:		150.00			15,658.0	0.0	34,348.4



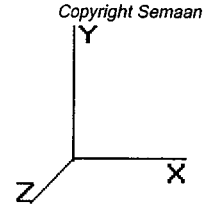
Load Case: 1.2D + 1.6W — 95.00 mph with No Ice — 23 Iterations

Gust Response Factor 1.10
Dead Load Factor : 1.20
Wind Load Factor : 1.60
Wind Importance Factor : 1.00

Discrete Appurtenance Segment Forces (Factored)

Elev (ft)	Description	Qty	qz (psf)	qzGh (psf)	CaAa Factor	Ka	Total CaAa (sf)	Horiz Ecc (ft)	Vert Ecc (ft)	Wind FX (lb)	Mom Y (lb-ft)	Mom Z (lb-ft)	Dead Load (lb)
75.00	GPS	1	19.979	21.977	1.00	1.00	1.00	0.000	0.000	35.16	0.00	0.00	12.00
110.0	Round T-Arm	3	22.289	24.518	0.50	0.75	14.62	0.000	0.000	573.63	0.00	0.00	900.00
110.0	72" x 12" Panels	3	22.289	24.518	0.54	0.80	13.51	0.000	0.000	529.88	0.00	0.00	162.00
110.0	48" x 12" Panels	9	22.289	24.518	0.54	0.80	27.01	0.000	0.000	1,059.75	0.00	0.00	324.00
120.0	Round Low Profile Pl	1	22.850	25.135	1.00	1.00	21.70	0.000	0.000	872.70	0.00	0.00	1,800.00
120.0	24" x 12" Panels	3	22.850	25.135	0.60	0.80	5.04	0.000	0.000	202.69	0.00	0.00	72.00
120.0	Decibel	3	22.850	25.135	0.65	0.80	11.79	0.000	0.000	474.32	0.00	0.00	72.00
133.0	Decibel 950F852E-M	4	23.532	25.885	1.11	0.80	12.37	0.000	0.000	512.13	0.00	0.00	55.20
133.0	Antel LPA-80080/6CF	4	23.532	25.885	1.46	0.80	25.30	0.000	0.000	1,047.74	0.00	0.00	100.80
133.0	Decibel DB950F65E-M	2	23.532	25.885	0.80	0.80	10.27	0.000	0.000	425.43	0.00	0.00	38.40
133.0	Antel LPA-80063/6CF	2	23.532	25.885	0.80	0.80	16.54	0.000	0.000	685.19	0.00	0.00	64.80
133.0	Round Low Profile Pl	1	23.532	25.885	1.00	1.00	21.70	0.000	0.000	898.72	0.00	0.00	1,800.00
140.0	Round Low Profile Pl	1	23.879	26.267	1.00	1.00	21.70	0.000	0.000	911.99	0.00	0.00	1,800.00
140.0	Decibel DB980H90E-M	6	23.879	26.267	0.63	0.80	14.79	0.000	0.000	621.54	0.00	0.00	61.20
150.0	Round Low Profile Pl	1	24.355	26.790	1.00	1.00	21.70	0.000	0.000	930.15	0.00	0.00	1,800.00
150.0	ADC Cleargain	9	24.447	26.892	0.40	0.80	4.64	0.000	2.000	199.82	0.00	399.63	270.00
150.0	CSS DUO1417-8686	9	24.447	26.892	0.66	0.80	38.55	0.000	2.000	1,658.81	0.00	3,317.62	219.24
										11,639.63			9,551.64

Pole :	302523	Code: ANSI/TIA-222 Rev G	Copyright Semaan Engineering Solutions, Inc
Location :	New Milford CT 2, CT	Struct Class : II	4/8/2008 1:03:37 PM
Height :	150.0 (ft)	Exposure Category : B	Page: 5
Shape :	12 Sides	Topographic Category : 1	
Base Dia :	53.900 (in)		
Top Dia :	15.000 (in)		
Taper :	0.156709 (in/ft)	Base Elev : 0.000 (ft)	



Load Case: 1.2D + 1.6W — 95.00 mph with No Ice — 23 Iterations

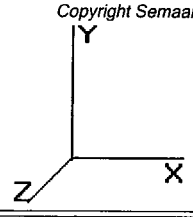
Gust Response Factor 1.10
Dead Load Factor : 1.20
Wind Load Factor : 1.60

Wind Importance Factor : 1.00

Linear Appurtenance Segment Forces (Factored)

Seg Top Elev (ft)	Description	Exposed To Wind	Length (ft)	Ca	Exposed Width (in)	Area (sqft)	CaAa (sqft)	qz (psf)	Ra	Cf Adjust Factor	F X (lb)	Dead Load (lb)
5.00	(2) Seam Flange	Yes	5.00	0.000	6.00	2.50	0.00	15.364	0.110	1.031	0.00	367.50
5.00	(1) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	15.364	0.110	1.031	0.00	0.90
10.00	(2) Seam Flange	Yes	5.00	0.000	6.00	2.50	0.00	15.364	0.117	1.050	0.00	367.50
10.00	(1) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	15.364	0.117	1.050	0.00	0.90
15.00	(2) Seam Flange	Yes	5.00	0.000	6.00	2.50	0.00	15.364	0.124	1.071	0.00	367.50
15.00	(1) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	15.364	0.124	1.071	0.00	0.90
20.00	(2) Seam Flange	Yes	5.00	0.000	6.00	2.50	0.00	15.364	0.128	1.085	0.00	367.50
20.00	(1) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	15.364	0.128	1.085	0.00	0.90
25.00	(2) Seam Flange	Yes	5.00	0.000	6.00	2.50	0.00	15.364	0.131	1.092	0.00	367.50
25.00	(1) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	15.364	0.131	1.092	0.00	0.90
30.00	(2) Seam Flange	Yes	5.00	0.000	6.00	2.50	0.00	15.377	0.133	1.099	0.00	367.50
30.00	(1) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	15.377	0.133	1.099	0.00	0.90
35.00	(2) Seam Flange	Yes	5.00	0.000	6.00	2.50	0.00	16.070	0.136	1.107	0.00	367.50
35.00	(1) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	16.070	0.136	1.107	0.00	0.90
40.00	(2) Seam Flange	Yes	5.00	0.000	6.00	2.50	0.00	16.694	0.138	1.115	0.00	367.50
40.00	(1) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	16.694	0.138	1.115	0.00	0.90
45.00	(2) Seam Flange	Yes	5.00	0.000	6.00	2.50	0.00	17.266	0.141	1.123	0.00	367.50
45.00	(1) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	17.266	0.141	1.123	0.00	0.90
50.00	(2) Seam Flange	Yes	5.00	0.000	6.00	2.50	0.00	17.793	0.144	1.131	0.00	367.50
50.00	(1) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	17.793	0.144	1.131	0.00	0.90
55.00	(2) Seam Flange	Yes	5.00	0.000	6.00	2.50	0.00	18.285	0.147	1.140	0.00	367.50
55.00	(1) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	18.285	0.147	1.140	0.00	0.90
60.00	(2) Seam Flange	Yes	5.00	0.000	6.00	2.50	0.00	18.745	0.149	1.146	0.00	367.50
60.00	(1) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	18.745	0.149	1.146	0.00	0.90
65.00	(2) Seam Flange	Yes	5.00	0.000	6.00	2.50	0.00	19.179	0.152	1.155	0.00	367.50
65.00	(1) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	19.179	0.152	1.155	0.00	0.90
70.00	(2) Seam Flange	Yes	5.00	0.000	6.00	2.50	0.00	19.589	0.155	1.165	0.00	367.50
70.00	(1) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	19.589	0.155	1.165	0.00	0.90
75.00	(2) Seam Flange	Yes	5.00	0.000	6.00	2.50	0.00	19.979	0.159	1.176	0.00	367.50
75.00	(1) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	19.979	0.159	1.176	0.00	0.90
80.00	(2) Seam Flange	Yes	5.00	0.000	6.00	2.50	0.00	20.351	0.162	1.187	0.00	367.50
85.00	(2) Seam Flange	Yes	5.00	0.000	6.00	2.50	0.00	20.706	0.166	1.198	0.00	367.50
90.00	(16) 1 5/8" Coax	Yes	5.00	1.200	4.00	1.67	2.00	21.047	0.311	0.000	74.09	78.71
90.00	(12) 1 5/8" Coax	Yes	5.00	1.200	4.00	1.67	2.00	21.047	0.311	0.000	74.09	59.03
95.00	(16) 1 5/8" Coax	Yes	5.00	1.200	4.00	1.67	2.00	21.375	0.321	0.000	75.24	78.71
95.00	(12) 1 5/8" Coax	Yes	5.00	1.200	4.00	1.67	2.00	21.375	0.321	0.000	75.24	59.03
100.0	(16) 1 5/8" Coax	Yes	5.00	1.200	4.00	1.67	2.00	21.690	0.333	0.000	76.35	78.71
100.0	(12) 1 5/8" Coax	Yes	5.00	1.200	4.00	1.67	2.00	21.690	0.333	0.000	76.35	59.03
105.0	(16) 1 5/8" Coax	Yes	5.00	1.200	4.00	1.67	2.00	21.995	0.344	0.000	77.42	78.71
105.0	(12) 1 5/8" Coax	Yes	5.00	1.200	4.00	1.67	2.00	21.995	0.344	0.000	77.42	59.03
110.0	(16) 1 5/8" Coax	Yes	5.00	1.200	4.00	1.67	2.00	22.289	0.357	0.000	78.46	78.71
110.0	(12) 1 5/8" Coax	Yes	5.00	1.200	4.00	1.67	2.00	22.289	0.357	0.000	78.46	59.03
115.0	(16) 1 5/8" Coax	Yes	5.00	0.000	4.00	1.67	0.00	22.574	0.185	1.256	0.00	78.71
120.0	(16) 1 5/8" Coax	Yes	5.00	0.000	4.00	1.67	0.00	22.850	0.192	1.277	0.00	78.71
125.0	(16) 1 5/8" Coax	Yes	5.00	1.182	4.00	1.67	1.97	23.118	0.200	0.000	80.13	78.71
130.0	(16) 1 5/8" Coax	Yes	5.00	1.175	4.00	1.67	1.96	23.379	0.209	0.000	80.58	78.71
133.0	(16) 1 5/8" Coax	Yes	3.00	1.171	4.00	1.00	1.17	23.532	0.216	0.000	48.50	47.23
										Totals:	972.32	7,311.78

Pole :	302523	Code: ANSI/TIA-222 Rev G	
Location :	New Milford CT 2, CT	Struct Class : II	
Height :	150.0 (ft)	Exposure Category : B	
Shape :	12 Sides	Topographic Category : 1	
Base Dia :	53.900 (in)		
Top Dia :	15.000 (in)		
Taper :	0.156709 (in/ft)	Base Elev : 0.000 (ft)	



Load Case: 1.2D + 1.6W — 95.00 mph with No Ice — 23 Iterations

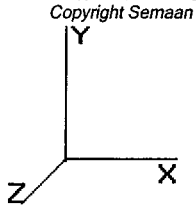
Gust Response Factor 1.10
Dead Load Factor : 1.20
Wind Load Factor : 1.60

Wind Importance Factor : 1.00

Applied Segment Forces Summary

Seg Elev (ft)	Lateral FX (-) (lb)	Axial FY (-) (lb)	Torsion MY (lb-ft)	Moment MZ (lb-ft)
0.00	0.00	0.00	0.00	0.00
5.00	631.33	3,179.43	0.00	0.00
10.00	608.18	3,039.64	0.00	0.00
15.00	585.04	2,899.86	0.00	0.00
20.00	571.82	2,640.26	0.00	0.00
25.00	565.19	2,603.54	0.00	0.00
30.00	559.02	2,566.82	0.00	0.00
35.00	577.26	2,530.10	0.00	0.00
40.00	592.50	2,493.37	0.00	0.00
45.00	605.32	2,456.65	0.00	0.00
50.00	616.13	2,419.93	0.00	0.00
55.00	625.25	2,383.20	0.00	0.00
60.00	635.86	2,205.13	0.00	0.00
65.00	642.24	2,171.57	0.00	0.00
70.00	647.49	2,138.02	0.00	0.00
75.00	686.87	2,116.46	0.00	0.00
80.00	655.00	1,785.67	0.00	0.00
85.00	657.46	1,758.82	0.00	0.00
90.00	624.32	664.32	0.00	0.00
95.00	618.54	651.24	0.00	0.00
100.0	611.94	638.16	0.00	0.00
105.0	604.58	625.07	0.00	0.00
110.0	2,759.77	1,997.99	0.00	0.00
115.0	448.90	456.09	0.00	0.00
120.0	1,994.62	2,390.46	0.00	0.00
125.0	486.55	377.79	0.00	0.00
130.0	474.94	368.16	0.00	0.00
133.0	3,847.83	2,275.48	0.00	0.00
135.0	125.59	110.77	0.00	0.00
140.0	1,840.87	2,131.39	0.00	0.00
145.0	296.14	231.05	0.00	0.00
150.0	3,073.35	2,510.66	0.00	3,717.25
Totals:	28,269.90	56,817.10	0.00	3,717.25

Pole :	302523	Code: ANSI/TIA-222 Rev G	
Location :	New Milford CT 2, CT	Struct Class : II	
Height :	150.0 (ft)	Exposure Category : B	
Shape :	12 Sides	Topographic Category : 1	
Base Dia :	53.900 (in)		
Top Dia :	15.000 (in)		
Taper :	0.156709 (in/ft)	Base Elev : 0.000 (ft)	



Load Case: 1.2D + 1.6W — 95.00 mph with No Ice — 23 Iterations

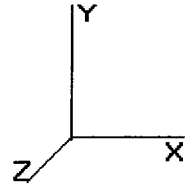
Gust Response Factor 1.10
Dead Load Factor : 1.20
Wind Load Factor : 1.60

Wind Importance Factor : 1.00

Calculated Forces

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-56.80	-28.31	0.00	-2,816.58	0.00	2,816.58	4,435.99	2,217.99	9,673.38	4,777.32	0.00	0.00	0.603
5.00	-53.57	-27.76	0.00	-2,675.02	0.00	2,675.02	4,199.37	2,099.69	8,662.16	4,277.91	0.05	-0.08	0.638
10.00	-50.49	-27.24	0.00	-2,536.21	0.00	2,536.21	3,962.76	1,981.38	7,706.76	3,806.08	0.18	-0.18	0.679
15.00	-47.54	-26.73	0.00	-2,400.03	0.00	2,400.03	3,726.14	1,863.07	6,807.17	3,361.81	0.43	-0.29	0.727
15.00	-47.54	-26.73	0.00	-2,400.03	0.00	2,400.03	3,726.14	1,863.07	6,807.17	3,361.81	0.43	-0.29	0.749
20.00	-44.84	-26.24	0.00	-2,266.37	0.00	2,266.37	3,523.32	1,761.66	6,365.65	3,143.76	0.79	-0.41	0.734
25.00	-42.19	-25.75	0.00	-2,135.15	0.00	2,135.15	3,458.41	1,729.20	6,131.48	3,028.11	1.29	-0.54	0.718
30.00	-39.57	-25.25	0.00	-2,006.39	0.00	2,006.39	3,393.49	1,696.75	5,901.70	2,914.63	1.92	-0.66	0.700
35.00	-36.99	-24.73	0.00	-1,880.12	0.00	1,880.12	3,328.58	1,664.29	5,676.31	2,803.32	2.68	-0.79	0.682
40.00	-34.45	-24.17	0.00	-1,756.48	0.00	1,756.48	3,263.66	1,631.83	5,455.31	2,694.17	3.58	-0.92	0.663
45.00	-31.96	-23.60	0.00	-1,635.61	0.00	1,635.61	3,198.75	1,599.37	5,238.70	2,587.20	4.61	-1.04	0.642
50.00	-29.50	-23.00	0.00	-1,517.64	0.00	1,517.64	3,133.84	1,566.92	5,026.47	2,482.39	5.77	-1.17	0.621
55.00	-27.08	-22.38	0.00	-1,402.65	0.00	1,402.65	3,068.92	1,534.46	4,818.64	2,379.74	7.05	-1.29	0.598
55.00	-27.08	-22.38	0.00	-1,402.65	0.00	1,402.65	3,068.92	1,534.46	4,818.64	2,379.74	7.05	-1.29	0.711
60.00	-24.85	-21.74	0.00	-1,290.77	0.00	1,290.77	2,502.55	1,251.27	3,888.36	1,920.31	8.47	-1.41	0.682
65.00	-22.65	-21.09	0.00	-1,182.06	0.00	1,182.06	2,448.71	1,224.35	3,721.52	1,837.92	10.01	-1.53	0.653
70.00	-20.49	-20.43	0.00	-1,076.59	0.00	1,076.59	2,394.87	1,197.43	3,558.34	1,757.33	11.68	-1.66	0.621
75.00	-18.35	-19.72	0.00	-974.44	0.00	974.44	2,341.02	1,170.51	3,398.82	1,678.55	13.48	-1.77	0.589
75.00	-18.35	-19.72	0.00	-974.44	0.00	974.44	2,341.02	1,170.51	3,398.82	1,678.55	13.48	-1.77	0.656
80.00	-16.55	-19.04	0.00	-875.85	0.00	875.85	2,038.12	1,019.06	2,910.66	1,437.47	15.40	-1.89	0.618
85.00	-14.77	-18.36	0.00	-780.64	0.00	780.64	1,990.32	995.16	2,774.77	1,370.36	17.45	-2.02	0.577
85.00	-14.77	-18.36	0.00	-780.64	0.00	780.64	1,990.32	995.16	2,774.77	1,370.36	17.45	-2.02	1.319
90.00	-14.01	-17.81	0.00	-688.85	0.00	688.85	1,138.88	569.44	1,134.25	560.17	19.64	-2.15	1.243
95.00	-13.20	-17.30	0.00	-599.82	0.00	599.82	1,101.39	550.70	1,060.45	523.72	22.24	-2.78	1.158
100.00	-12.42	-16.79	0.00	-513.31	0.00	513.31	1,063.91	531.95	989.12	488.49	25.48	-3.39	1.063
105.00	-11.68	-16.25	0.00	-429.38	0.00	429.38	1,026.42	513.21	920.28	454.49	29.33	-3.95	0.957
110.00	-9.78	-13.44	0.00	-348.12	0.00	348.12	988.94	494.47	853.92	421.72	33.75	-4.47	0.836
110.00	-9.78	-13.44	0.00	-348.12	0.00	348.12	988.94	494.47	853.92	421.72	33.75	-4.47	1.105
115.00	-9.25	-13.04	0.00	-280.93	0.00	280.93	716.32	358.16	598.93	295.79	38.69	-4.94	0.964
120.00	-6.95	-10.90	0.00	-215.74	0.00	215.74	688.73	344.36	553.48	273.34	44.16	-5.49	0.800
125.00	-6.55	-10.42	0.00	-161.27	0.00	161.27	661.13	330.57	509.81	251.78	50.17	-5.96	0.651
130.00	-6.18	-9.94	0.00	-109.16	0.00	109.16	633.54	316.77	467.94	231.10	56.61	-6.34	0.483
133.00	-4.34	-5.87	0.00	-79.34	0.00	79.34	616.99	308.49	443.68	219.12	60.65	-6.52	0.369
135.00	-4.23	-5.75	0.00	-67.59	0.00	67.59	605.95	302.97	427.87	211.31	63.40	-6.62	0.327
140.00	-2.32	-3.67	0.00	-38.87	0.00	38.87	578.35	289.18	389.59	192.40	70.43	-6.82	0.206
145.00	-2.12	-3.36	0.00	-20.50	0.00	20.50	550.76	275.38	353.10	174.38	77.63	-6.94	0.122
150.00	0.00	-3.07	0.00	-3.72	0.00	3.72	523.17	261.58	318.40	157.25	84.92	-7.00	0.024

Pole :	302523	Code: ANSI/TIA-222 Rev G	
Location :	New Milford CT 2, CT	Struct Class : II	
Height :	150.0 (ft)	Exposure Category : B	
Shape :	12 Sides	Topographic Category : 1	
Base Dia :	53.900 (in)		
Top Dia :	15.000 (in)		
Taper :	0.156709 (in/ft)	Base Elev : 0.000 (ft)	



Load Case: 0.9D + 1.6W — 95.00 mph with No Ice (Reduced DL) — 23 Iterations

Gust Response Factor 1.10
Dead Load Factor : 0.90
Wind Load Factor : 1.60

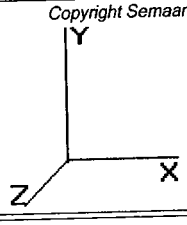
Wind Importance Factor : 1.00

Shaft Segment Forces (Factored)

Seg Top Elev (ft)	Description	Kzt	Kz	qz (psf)	qzGh (psf)	C (mph-ft)	Cf		Ice Thick (in)	Tributary (ft)	Aa (sf)	CfAa (sf)	Wind Force X (lb)	Dead Load Ice (lb)	Tot Dead Load (lb)
0.00		1.00	0.70	15.364	16.901	369.60	1.000		0.000	0.00	0.000	0.00	0.0	0.0	0.0
5.00		1.00	0.70	15.364	16.901	350.16	1.000	*	0.000	5.00	22.639	22.64	612.2	0.0	1,913.0
10.00		1.00	0.70	15.364	16.901	330.72	1.000	*	0.000	5.00	21.416	21.42	579.1	0.0	1,808.2
15.00	Top - Section 1	1.00	0.70	15.364	16.901	311.28	1.000	*	0.000	5.00	20.193	20.19	546.0	0.0	1,703.4
20.00		1.00	0.70	15.364	16.901	307.11	1.000	*	0.000	5.00	19.495	19.49	527.2	0.0	1,508.7
25.00		1.00	0.70	15.364	16.901	301.54	1.000	*	0.000	5.00	19.144	19.14	517.7	0.0	1,481.1
30.00		1.00	0.70	15.377	16.915	296.09	1.000	*	0.000	5.00	18.794	18.79	508.6	0.0	1,453.6
35.00		1.00	0.73	16.070	17.676	296.99	1.000	*	0.000	5.00	18.443	18.44	521.6	0.0	1,426.0
40.00		1.00	0.76	16.694	18.364	296.90	1.000	*	0.000	5.00	18.093	18.09	531.6	0.0	1,398.5
45.00		1.00	0.78	17.266	18.992	296.03	1.000	*	0.000	5.00	17.742	17.74	539.2	0.0	1,371.0
50.00		1.00	0.81	17.793	19.573	294.53	1.000	*	0.000	5.00	17.392	17.39	544.7	0.0	1,343.4
55.00	Top - Section 2	1.00	0.83	18.285	20.113	292.49	1.000	*	0.000	5.00	17.042	17.04	548.4	0.0	1,315.9
60.00		1.00	0.85	18.745	20.619	292.23	1.000	*	0.000	5.00	16.820	16.82	554.9	0.0	1,182.3
65.00		1.00	0.87	19.179	21.096	289.33	1.000	*	0.000	5.00	16.467	16.47	555.8	0.0	1,157.1
70.00		1.00	0.89	19.589	21.548	286.09	1.000	*	0.000	5.00	16.115	16.11	555.6	0.0	1,132.0
75.00	Top - Section 3	1.00	0.91	19.979	21.977	282.54	1.000	*	0.000	5.00	15.763	15.76	554.3	0.0	1,106.8
80.00		1.00	0.92	20.351	22.386	278.71	1.000	*	0.000	5.00	15.410	15.41	552.0	0.0	868.4
85.00	Top - Section 4	1.00	0.94	20.706	22.777	274.63	1.000	*	0.000	5.00	15.058	15.06	548.8	0.0	848.3
90.00		1.00	0.95	21.047	23.152	196.10	1.200	*	0.000	5.00	10.712	12.85	476.2	0.0	303.0
95.00		1.00	0.97	21.375	23.512	191.18	1.200	*	0.000	5.00	10.368	12.44	468.1	0.0	293.2
100.0		1.00	0.98	21.690	23.860	186.10	1.200	*	0.000	5.00	10.025	12.03	459.2	0.0	283.4
105.0		1.00	1.00	21.995	24.194	180.87	1.200	*	0.000	5.00	9.682	11.62	449.7	0.0	273.6
110.0	Top - Section 5	1.00	1.01	22.289	24.518	175.50	1.200	*	0.000	5.00	9.338	11.21	439.6	0.0	263.8
115.0		1.00	1.02	22.574	24.832	170.13	1.000	*	0.000	5.00	8.998	9.00	357.5	0.0	191.1
120.0	Appertunance(s)	1.00	1.04	22.850	25.135	164.63	1.000	*	0.000	5.00	8.661	8.66	348.3	0.0	183.9
125.0		1.00	1.05	23.118	25.430	159.02	1.200	*	0.000	5.00	8.324	9.99	406.4	0.0	176.7
130.0		1.00	1.06	23.379	25.717	153.31	1.200	*	0.000	5.00	7.987	9.58	394.4	0.0	169.4
133.0	Appertunance(s)	1.00	1.07	23.532	25.885	149.83	1.200	*	0.000	3.00	4.630	5.56	230.1	0.0	98.2
135.0		1.00	1.07	23.632	25.996	147.49	1.000		0.000	2.00	3.020	3.02	125.6	0.0	64.0
140.0	Appertunance(s)	1.00	1.08	23.879	26.267	141.58	1.000		0.000	5.00	7.313	7.31	307.3	0.0	155.0
145.0		1.00	1.09	24.120	26.532	135.58	1.000		0.000	5.00	6.976	6.98	296.1	0.0	147.8
150.0	Appertunance(s)	1.00	1.11	24.355	26.790	129.50	1.000		0.000	5.00	6.639	6.64	284.6	0.0	140.6
* = Cf Adjusted By Linear Load Ra Effect								Totals:		150.00			14,340.8	0.0	25,761.3

Pole : 302523
Location : New Milford CT 2, CT
Height : 150.0 (ft)
Shape : 12 Sides
Base Dia : 53.900 (in)
Top Dia : 15.000 (in)
Taper : 0.156709 (in/ft)

Code: ANSI/TIA-222 Rev G
Struct Class : II
Exposure Category : B
Topographic Category : 1
Base Elev : 0.000 (ft)



Load Case: 0.9D + 1.6W — 95.00 mph with No Ice (Reduced DL) — 23 Iterations

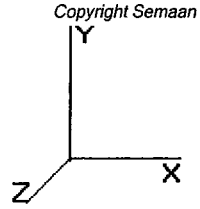
Wind Importance Factor : 1.00

Gust Response Factor 1.10
Dead Load Factor : 0.90
Wind Load Factor : 1.60

Discrete Appurtenance Segment Forces (Factored)

Elev (ft)	Description	Qty	qz (psf)	qzGh (psf)	CaAa Factor	Ka	Total CaAa (sf)	Horiz Ecc (ft)	Vert Ecc (ft)	Wind FX (lb)	Mom Y (lb-ft)	Mom Z (lb-ft)	Dead Load (lb)
75.00	GPS	1	19.979	21.977	1.00	1.00	1.00	0.000	0.000	35.16	0.00	0.00	9.00
110.0	Round T-Arm	3	22.289	24.518	0.50	0.75	14.62	0.000	0.000	573.63	0.00	0.00	675.00
110.0	72" x 12" Panels	3	22.289	24.518	0.54	0.80	13.51	0.000	0.000	529.88	0.00	0.00	121.50
110.0	48" x 12" Panels	9	22.289	24.518	0.54	0.80	27.01	0.000	0.000	1,059.75	0.00	0.00	243.00
120.0	Round Low Profile Pl	1	22.850	25.135	1.00	1.00	21.70	0.000	0.000	872.70	0.00	0.00	1,350.00
120.0	24" x 12" Panels	3	22.850	25.135	0.60	0.80	5.04	0.000	0.000	202.69	0.00	0.00	54.00
120.0	Decibel	3	22.850	25.135	0.65	0.80	11.79	0.000	0.000	474.32	0.00	0.00	54.00
133.0	Decibel 950F852E-M	4	23.532	25.885	1.11	0.80	12.37	0.000	0.000	512.13	0.00	0.00	41.40
133.0	Antel LPA-80080/6CF	4	23.532	25.885	1.46	0.80	25.30	0.000	0.000	1,047.74	0.00	0.00	75.60
133.0	Decibel DB950F65E-M	2	23.532	25.885	0.80	0.80	10.27	0.000	0.000	425.43	0.00	0.00	28.80
133.0	Antel LPA-80063/6CF	2	23.532	25.885	0.80	0.80	16.54	0.000	0.000	685.19	0.00	0.00	48.60
133.0	Round Low Profile Pl	1	23.532	25.885	1.00	1.00	21.70	0.000	0.000	898.72	0.00	0.00	1,350.00
140.0	Round Low Profile Pl	1	23.879	26.267	1.00	1.00	21.70	0.000	0.000	911.99	0.00	0.00	1,350.00
140.0	Decibel DB980H90E-M	6	23.879	26.267	0.63	0.80	14.79	0.000	0.000	621.54	0.00	0.00	45.90
150.0	Round Low Profile Pl	1	24.355	26.790	1.00	1.00	21.70	0.000	0.000	930.15	0.00	0.00	1,350.00
150.0	ADC Cleargain	9	24.447	26.892	0.40	0.80	4.64	0.000	2.000	199.82	0.00	399.63	202.50
150.0	CSS DUO1417-8686	9	24.447	26.892	0.66	0.80	38.55	0.000	2.000	1,658.81	0.00	3,317.62	164.43
										11,639.63			7,163.73

Pole :	302523	Code: ANSI/TIA-222 Rev G	
Location :	New Milford CT 2, CT	Struct Class : II	
Height :	150.0 (ft)	Exposure Category : B	
Shape :	12 Sides	Topographic Category : 1	
Base Dia :	53.900 (in)		
Top Dia :	15.000 (in)		
Taper :	0.156709 (in/ft)	Base Elev : 0.000 (ft)	



Load Case: 0.9D + 1.6W — 95.00 mph with No Ice (Reduced DL) — 23 Iterations

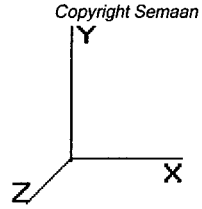
Gust Response Factor 1.10
Dead Load Factor : 0.90
Wind Load Factor : 1.60

Wind Importance Factor : 1.00

Linear Appurtenance Segment Forces (Factored)

Seg Top Elev (ft)	Description	Exposed To Wind	Length (ft)	Ca	Exposed Width (in)	Area (sqft)	CaAa (sqft)	qz (psf)	Ra	Cf Adjust Factor	F X (lb)	Dead Load (lb)
5.00	(2) Seam Flange	Yes	5.00	0.000	6.00	2.50	0.00	15.364	0.110	1.031	0.00	275.63
5.00	(1) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	15.364	0.110	1.031	0.00	0.68
10.00	(2) Seam Flange	Yes	5.00	0.000	6.00	2.50	0.00	15.364	0.117	1.050	0.00	275.63
10.00	(1) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	15.364	0.117	1.050	0.00	0.68
15.00	(2) Seam Flange	Yes	5.00	0.000	6.00	2.50	0.00	15.364	0.124	1.071	0.00	275.63
15.00	(1) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	15.364	0.124	1.071	0.00	0.68
20.00	(2) Seam Flange	Yes	5.00	0.000	6.00	2.50	0.00	15.364	0.128	1.085	0.00	275.63
20.00	(1) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	15.364	0.128	1.085	0.00	0.68
25.00	(2) Seam Flange	Yes	5.00	0.000	6.00	2.50	0.00	15.364	0.131	1.092	0.00	275.63
25.00	(1) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	15.364	0.131	1.092	0.00	0.68
30.00	(2) Seam Flange	Yes	5.00	0.000	6.00	2.50	0.00	15.377	0.133	1.099	0.00	275.63
30.00	(1) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	15.377	0.133	1.099	0.00	0.68
35.00	(2) Seam Flange	Yes	5.00	0.000	6.00	2.50	0.00	16.070	0.136	1.107	0.00	275.63
35.00	(1) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	16.070	0.136	1.107	0.00	0.68
40.00	(2) Seam Flange	Yes	5.00	0.000	6.00	2.50	0.00	16.694	0.138	1.115	0.00	275.63
40.00	(1) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	16.694	0.138	1.115	0.00	0.68
45.00	(2) Seam Flange	Yes	5.00	0.000	6.00	2.50	0.00	17.266	0.141	1.123	0.00	275.63
45.00	(1) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	17.266	0.141	1.123	0.00	0.68
50.00	(2) Seam Flange	Yes	5.00	0.000	6.00	2.50	0.00	17.793	0.144	1.131	0.00	275.63
50.00	(1) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	17.793	0.144	1.131	0.00	0.68
55.00	(2) Seam Flange	Yes	5.00	0.000	6.00	2.50	0.00	18.285	0.147	1.140	0.00	275.63
55.00	(1) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	18.285	0.147	1.140	0.00	0.68
60.00	(2) Seam Flange	Yes	5.00	0.000	6.00	2.50	0.00	18.745	0.149	1.146	0.00	275.63
60.00	(1) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	18.745	0.149	1.146	0.00	0.68
65.00	(2) Seam Flange	Yes	5.00	0.000	6.00	2.50	0.00	19.179	0.152	1.155	0.00	275.63
65.00	(1) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	19.179	0.152	1.155	0.00	0.68
70.00	(2) Seam Flange	Yes	5.00	0.000	6.00	2.50	0.00	19.589	0.155	1.165	0.00	275.63
70.00	(1) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	19.589	0.155	1.165	0.00	0.68
75.00	(2) Seam Flange	Yes	5.00	0.000	6.00	2.50	0.00	19.979	0.159	1.176	0.00	275.63
75.00	(1) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	19.979	0.159	1.176	0.00	0.68
80.00	(2) Seam Flange	Yes	5.00	0.000	6.00	2.50	0.00	20.351	0.162	1.187	0.00	275.63
85.00	(2) Seam Flange	Yes	5.00	0.000	6.00	2.50	0.00	20.706	0.166	1.198	0.00	275.63
90.00	(16) 1 5/8" Coax	Yes	5.00	1.200	4.00	1.67	2.00	21.047	0.311	0.000	74.09	59.03
90.00	(12) 1 5/8" Coax	Yes	5.00	1.200	4.00	1.67	2.00	21.047	0.311	0.000	74.09	44.27
95.00	(16) 1 5/8" Coax	Yes	5.00	1.200	4.00	1.67	2.00	21.375	0.321	0.000	75.24	59.03
95.00	(12) 1 5/8" Coax	Yes	5.00	1.200	4.00	1.67	2.00	21.375	0.321	0.000	75.24	44.27
100.0	(16) 1 5/8" Coax	Yes	5.00	1.200	4.00	1.67	2.00	21.690	0.333	0.000	76.35	59.03
100.0	(12) 1 5/8" Coax	Yes	5.00	1.200	4.00	1.67	2.00	21.690	0.333	0.000	76.35	44.27
105.0	(16) 1 5/8" Coax	Yes	5.00	1.200	4.00	1.67	2.00	21.995	0.344	0.000	77.42	59.03
105.0	(12) 1 5/8" Coax	Yes	5.00	1.200	4.00	1.67	2.00	21.995	0.344	0.000	77.42	44.27
110.0	(16) 1 5/8" Coax	Yes	5.00	1.200	4.00	1.67	2.00	22.289	0.357	0.000	78.46	59.03
110.0	(12) 1 5/8" Coax	Yes	5.00	1.200	4.00	1.67	2.00	22.289	0.357	0.000	78.46	44.27
115.0	(16) 1 5/8" Coax	Yes	5.00	0.000	4.00	1.67	0.00	22.574	0.185	1.256	0.00	59.03
120.0	(16) 1 5/8" Coax	Yes	5.00	0.000	4.00	1.67	0.00	22.850	0.192	1.277	0.00	59.03
125.0	(16) 1 5/8" Coax	Yes	5.00	1.182	4.00	1.67	1.97	23.118	0.200	0.000	80.13	59.03
130.0	(16) 1 5/8" Coax	Yes	5.00	1.175	4.00	1.67	1.96	23.379	0.209	0.000	80.58	59.03
133.0	(16) 1 5/8" Coax	Yes	3.00	1.171	4.00	1.00	1.17	23.532	0.216	0.000	48.50	35.42
										Totals:	972.32	5,483.84

Pole :	302523	Code: ANSI/TIA-222 Rev G	
Location :	New Milford CT 2, CT	Struct Class : II	
Height :	150.0 (ft)	Exposure Category : B	
Shape :	12 Sides	Topographic Category : 1	
Base Dia :	53.900 (in)		
Top Dia :	15.000 (in)		
Taper :	0.156709 (in/ft)	Base Elev : 0.000 (ft)	



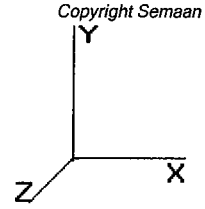
Load Case: 0.9D + 1.6W — 95.00 mph with No Ice (Reduced DL) — 23 Iterations

Gust Response Factor 1.10
Dead Load Factor : 0.90
Wind Load Factor : 1.60
Wind Importance Factor : 1.00

Applied Segment Forces Summary

Seg Elev (ft)	Lateral FX (-) (lb)	Axial FY (-) (lb)	Torsion MY (lb-ft)	Moment MZ (lb-ft)
0.00	0.00	0.00	0.00	0.00
5.00	612.18	2,384.57	0.00	0.00
10.00	579.11	2,279.73	0.00	0.00
15.00	546.04	2,174.90	0.00	0.00
20.00	527.16	1,980.20	0.00	0.00
25.00	517.68	1,952.66	0.00	0.00
30.00	508.63	1,925.11	0.00	0.00
35.00	521.62	1,897.57	0.00	0.00
40.00	531.61	1,870.03	0.00	0.00
45.00	539.16	1,842.49	0.00	0.00
50.00	544.66	1,814.95	0.00	0.00
55.00	548.41	1,787.40	0.00	0.00
60.00	554.89	1,653.84	0.00	0.00
65.00	555.84	1,628.68	0.00	0.00
70.00	555.59	1,603.51	0.00	0.00
75.00	589.43	1,587.35	0.00	0.00
80.00	551.96	1,339.25	0.00	0.00
85.00	548.76	1,319.12	0.00	0.00
90.00	624.32	498.24	0.00	0.00
95.00	618.54	488.43	0.00	0.00
100.0	611.94	478.62	0.00	0.00
105.0	604.58	468.80	0.00	0.00
110.0	2,759.77	1,498.49	0.00	0.00
115.0	357.50	342.07	0.00	0.00
120.0	1,898.03	1,792.84	0.00	0.00
125.0	486.55	283.35	0.00	0.00
130.0	474.94	276.12	0.00	0.00
133.0	3,847.83	1,706.61	0.00	0.00
135.0	125.59	83.08	0.00	0.00
140.0	1,840.87	1,598.55	0.00	0.00
145.0	296.14	173.29	0.00	0.00
150.0	3,073.35	1,882.99	0.00	3,717.25
Totals:	26,952.70	42,612.83	0.00	3,717.25

Pole :	302523	Code: ANSI/TIA-222 Rev G	
Location :	New Milford CT 2, CT	Struct Class : II	
Height :	150.0 (ft)	Exposure Category : B	
Shape :	12 Sides	Topographic Category : 1	
Base Dia :	53.900 (in)		
Top Dia :	15.000 (in)		
Taper :	0.156709 (in/ft)	Base Elev : 0.000 (ft)	



Load Case: 0.9D + 1.6W — 95.00 mph with No Ice (Reduced DL) — 23 Iterations

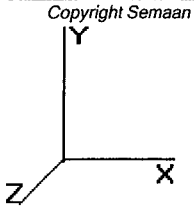
Gust Response Factor 1.10
Dead Load Factor : 0.90
Wind Load Factor : 1.60

Wind Importance Factor : 1.00

Calculated Forces

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-42.59	-26.98	0.00	-2,709.57	0.00	2,709.57	4,435.99	2,217.99	9,673.38	4,777.32	0.00	0.00	0.577
5.00	-40.17	-26.43	0.00	-2,574.66	0.00	2,574.66	4,199.37	2,099.69	8,662.16	4,277.91	0.04	-0.08	0.612
10.00	-37.85	-25.91	0.00	-2,442.51	0.00	2,442.51	3,962.76	1,981.38	7,706.76	3,806.08	0.18	-0.17	0.651
15.00	-35.63	-25.42	0.00	-2,312.96	0.00	2,312.96	3,726.14	1,863.07	6,807.17	3,361.81	0.41	-0.27	0.698
15.00	-35.63	-25.42	0.00	-2,312.96	0.00	2,312.96	3,726.14	1,863.07	6,807.17	3,361.81	0.41	-0.27	0.719
20.00	-33.60	-24.96	0.00	-2,185.85	0.00	2,185.85	3,523.32	1,761.66	6,365.65	3,143.76	0.76	-0.39	0.705
25.00	-31.59	-24.49	0.00	-2,061.07	0.00	2,061.07	3,458.41	1,729.20	6,131.48	3,028.11	1.24	-0.52	0.690
30.00	-29.62	-24.03	0.00	-1,938.62	0.00	1,938.62	3,393.49	1,696.75	5,901.70	2,914.63	1.85	-0.64	0.674
35.00	-27.68	-23.54	0.00	-1,818.48	0.00	1,818.48	3,328.58	1,664.29	5,676.31	2,803.32	2.58	-0.76	0.657
40.00	-25.77	-23.04	0.00	-1,700.77	0.00	1,700.77	3,263.66	1,631.83	5,455.31	2,694.17	3.45	-0.89	0.639
45.00	-23.89	-22.52	0.00	-1,585.58	0.00	1,585.58	3,198.75	1,599.37	5,238.70	2,587.20	4.44	-1.01	0.621
50.00	-22.04	-21.99	0.00	-1,472.99	0.00	1,472.99	3,133.84	1,566.92	5,026.47	2,482.39	5.56	-1.13	0.601
55.00	-20.22	-21.44	0.00	-1,363.06	0.00	1,363.06	3,068.92	1,534.46	4,818.64	2,379.74	6.81	-1.25	0.580
55.00	-20.22	-21.44	0.00	-1,363.06	0.00	1,363.06	3,068.92	1,534.46	4,818.64	2,379.74	6.81	-1.25	0.688
60.00	-18.54	-20.89	0.00	-1,255.85	0.00	1,255.85	2,502.55	1,251.27	3,888.36	1,920.31	8.17	-1.36	0.662
65.00	-16.88	-20.33	0.00	-1,151.41	0.00	1,151.41	2,448.71	1,224.35	3,721.52	1,837.92	9.66	-1.48	0.634
70.00	-15.25	-19.76	0.00	-1,049.77	0.00	1,049.77	2,394.87	1,197.43	3,558.34	1,757.33	11.28	-1.60	0.604
75.00	-13.64	-19.15	0.00	-950.96	0.00	950.96	2,341.02	1,170.51	3,398.82	1,678.55	13.02	-1.72	0.573
75.00	-13.64	-19.15	0.00	-950.96	0.00	950.96	2,341.02	1,170.51	3,398.82	1,678.55	13.02	-1.72	0.638
80.00	-12.28	-18.59	0.00	-855.20	0.00	855.20	2,038.12	1,019.06	2,910.66	1,437.47	14.88	-1.83	0.601
85.00	-10.94	-18.02	0.00	-762.28	0.00	762.28	1,990.32	995.16	2,774.77	1,370.36	16.87	-1.96	0.562
85.00	-10.94	-18.02	0.00	-762.28	0.00	762.28	1,990.32	995.16	2,774.77	1,370.36	16.87	-1.96	1.285
90.00	-10.35	-17.45	0.00	-672.18	0.00	672.18	1,138.88	569.44	1,134.25	560.17	18.99	-2.09	1.210
95.00	-9.71	-16.91	0.00	-584.96	0.00	584.96	1,101.39	550.70	1,060.45	523.72	21.51	-2.70	1.127
100.00	-9.10	-16.37	0.00	-500.41	0.00	500.41	1,063.91	531.95	989.12	488.49	24.66	-3.29	1.034
105.00	-8.53	-15.81	0.00	-418.59	0.00	418.59	1,026.42	513.21	920.28	454.49	28.41	-3.84	0.930
110.00	-7.12	-13.01	0.00	-339.53	0.00	339.53	988.94	494.47	853.92	421.72	32.71	-4.35	0.813
110.00	-7.12	-13.01	0.00	-339.53	0.00	339.53	988.94	494.47	853.92	421.72	32.71	-4.35	1.075
115.00	-6.70	-12.69	0.00	-274.47	0.00	274.47	716.32	358.16	598.93	295.79	37.51	-4.81	0.939
120.00	-4.99	-10.68	0.00	-211.03	0.00	211.03	688.73	344.36	553.48	273.34	42.84	-5.35	0.780
125.00	-4.68	-10.20	0.00	-157.62	0.00	157.62	661.13	330.57	509.81	251.78	48.68	-5.80	0.634
130.00	-4.41	-9.72	0.00	-106.60	0.00	106.60	633.54	316.77	467.94	231.10	54.96	-6.18	0.469
133.00	-3.12	-5.72	0.00	-77.43	0.00	77.43	616.99	308.49	443.68	219.12	58.89	-6.35	0.359
135.00	-3.04	-5.59	0.00	-65.99	0.00	65.99	605.95	302.97	427.87	211.31	61.57	-6.45	0.318
140.00	-1.65	-3.59	0.00	-38.02	0.00	38.02	578.35	289.18	389.59	192.40	68.42	-6.64	0.201
145.00	-1.51	-3.27	0.00	-20.09	0.00	20.09	550.76	275.38	353.10	174.38	75.44	-6.76	0.118
150.00	0.00	-3.07	0.00	-3.72	0.00	3.72	523.17	261.58	318.40	157.25	82.54	-6.82	0.024

Pole :	302523	Code: ANSI/TIA-222 Rev G	4/8/2008 1:03:39 PM
Location :	New Milford CT 2, CT	Struct Class : II	
Height :	150.0 (ft)	Exposure Category : B	
Shape :	12 Sides	Topographic Category : 1	
Base Dia :	53.900 (in)		
Top Dia :	15.000 (in)		
Taper :	0.156709 (in/ft)	Base Elev : 0.000 (ft)	



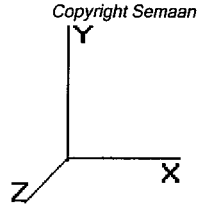
Load Case: 1.2D + 1.0Di + 1.0Wi — 40.00 mph with 1.25 in Radial Ice — 22 Iterations

Gust Response Factor 1.10 | Ice Dead Load Factor : 1.00 | Wind Importance Factor : 1.00
Dead Load Factor : 1.20 | Ice Importance Factor : 1.00
Wind Load Factor : 1.00

Shaft Segment Forces (Factored)

Seg Top Elev (ft)	Description	Kzt	Kz	qz (psf)	qzGh (psf)	C (mph-ft)	Cf		Ice Thick (in)	Tributary (ft)	Aa (sf)	CfAa (sf)	Wind Force X (lb)	Dead Load Ice (lb)	Tot Dead Load (lb)
0.00		1.00	0.70	2.724	2.996	0.000	1.200		0.000	0.00	0.000	0.00	0.0	0.0	0.0
5.00		1.00	0.70	2.724	2.996	0.000	1.200	*	2.070	5.00	24.364	29.24	87.6	712.0	3,262.7
10.00		1.00	0.70	2.724	2.996	0.000	1.200	*	2.219	5.00	23.265	27.92	83.6	724.4	3,135.4
15.00	Top - Section 1	1.00	0.70	2.724	2.996	0.000	1.200	*	2.310	5.00	22.119	26.54	79.5	713.3	2,984.4
20.00		1.00	0.70	2.724	2.996	0.000	1.200	*	2.378	5.00	21.476	25.77	77.2	725.7	2,737.3
25.00		1.00	0.70	2.724	2.996	0.000	1.200	*	2.432	5.00	21.171	25.40	76.1	730.1	2,705.0
30.00		1.00	0.70	2.726	2.999	0.000	1.200	*	2.476	5.00	20.858	25.03	75.1	731.2	2,669.3
35.00		1.00	0.73	2.849	3.134	0.000	1.200	*	2.515	5.00	20.539	24.65	77.2	729.9	2,631.3
40.00		1.00	0.76	2.960	3.256	0.000	1.200	*	2.549	5.00	20.217	24.26	79.0	726.9	2,591.5
45.00		1.00	0.78	3.061	3.367	0.000	1.200	*	2.579	5.00	19.891	23.87	80.4	722.4	2,550.3
50.00		1.00	0.81	3.155	3.470	0.000	1.200	*	2.606	5.00	19.564	23.48	81.5	716.7	2,508.0
55.00	Top - Section 2	1.00	0.83	3.242	3.566	0.000	1.200	*	2.631	5.00	19.234	23.08	82.3	710.2	2,464.7
60.00		1.00	0.85	3.323	3.656	0.000	1.200	*	2.654	5.00	19.031	22.84	83.5	707.9	2,284.3
65.00		1.00	0.87	3.400	3.740	0.000	1.200	*	2.675	5.00	18.697	22.44	83.9	699.7	2,242.6
70.00		1.00	0.89	3.473	3.820	0.000	1.200	*	2.695	5.00	18.361	22.03	84.2	691.0	2,200.3
75.00	Top - Section 3	1.00	0.91	3.542	3.896	0.000	1.200	*	2.714	5.00	18.024	21.63	84.3	681.7	2,157.5
80.00		1.00	0.92	3.608	3.969	0.000	1.200	*	2.731	5.00	17.687	21.22	84.2	672.0	1,829.9
85.00	Top - Section 4	1.00	0.94	3.671	4.038	0.000	1.200	*	2.748	5.00	17.348	20.82	84.1	661.8	1,792.8
90.00		1.00	0.95	3.731	4.105	0.000	1.200	*	2.764	5.00	13.015	15.62	64.1	485.6	889.6
95.00		1.00	0.97	3.789	4.168	0.000	1.200	*	2.779	5.00	12.684	15.22	63.4	474.1	865.1
100.0		1.00	0.98	3.845	4.230	0.000	1.200	*	2.793	5.00	12.352	14.82	62.7	462.4	840.2
105.0		1.00	1.00	3.899	4.289	0.000	1.200	*	2.807	5.00	12.020	14.42	61.9	450.4	815.2
110.0	Top - Section 5	1.00	1.01	3.952	4.347	0.000	1.200	*	2.820	5.00	11.688	14.03	61.0	438.2	789.9
115.0		1.00	1.02	4.002	4.402	0.000	1.200	*	2.832	5.00	11.358	13.63	60.0	426.0	680.8
120.0	Appertunance(s)	1.00	1.04	4.051	4.456	0.000	1.200	*	2.845	5.00	11.031	13.24	59.0	413.7	658.8
125.0		1.00	1.05	4.099	4.508	0.000	1.200	*	2.856	5.00	10.704	12.84	57.9	401.1	636.6
130.0		1.00	1.06	4.145	4.559	0.000	1.200	*	2.867	5.00	10.376	12.45	56.8	388.4	614.3
133.0	Appertunance(s)	1.00	1.07	4.172	4.589	0.000	1.200	*	2.874	3.00	6.067	7.28	33.4	228.4	359.3
135.0		1.00	1.07	4.190	4.609	0.000	1.200		2.878	2.00	3.979	4.77	22.0	150.2	235.5
140.0	Appertunance(s)	1.00	1.08	4.233	4.657	0.000	1.200		2.889	5.00	9.720	11.66	54.3	362.4	569.0
145.0		1.00	1.09	4.276	4.704	0.000	1.200		2.899	5.00	9.392	11.27	53.0	349.1	546.2
150.0	Appertunance(s)	1.00	1.11	4.318	4.749	0.000	1.200		2.909	5.00	9.063	10.88	51.7	335.8	523.2
* = Cf Adjusted By Linear Load Ra Effect								Totals:		150.00			2,144.8	17,422.7	51,771.0

Pole :	302523	Code: ANSI/TIA-222 Rev G	
Location :	New Milford CT 2, CT	Struct Class : II	
Height :	150.0 (ft)	Exposure Category : B	
Shape :	12 Sides	Topographic Category : 1	
Base Dia :	53.900 (in)		
Top Dia :	15.000 (in)		
Taper :	0.156709 (in/ft)	Base Elev : 0.000 (ft)	

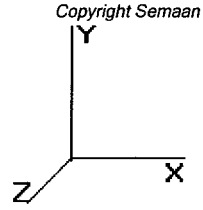


Load Case: 1.2D + 1.0Di + 1.0Wi — 40.00 mph with 1.25 in Radial Ice — 22 Iterations

Gust Response Factor 1.10 | Ice Dead Load Factor : 1.00 | Wind Importance Factor : 1.00
Dead Load Factor : 1.20 | Ice Importance Factor : 1.00
Wind Load Factor : 1.00

Discrete Appurtenance Segment Forces (Factored)

Elev (ft)	Description	Qty	qz (psf)	qzGh (psf)	CaAa Factor	Ka	Total CaAa (sf)	Horiz Ecc (ft)	Vert Ecc (ft)	Wind FX (lb)	Mom Y (lb-ft)	Mom Z (lb-ft)	Dead Load (lb)
75.00	GPS	1	3.542	3.896	1.00	1.00	2.09	0.000	0.000	8.13	0.00	0.00	23.71
110.0	Round T-Arm	3	3.952	4.347	0.50	0.75	34.74	0.000	0.000	151.02	0.00	0.00	1,723.15
110.0	72" x 12" Panels	3	3.952	4.347	0.54	0.80	16.58	0.000	0.000	72.08	0.00	0.00	1,207.83
110.0	48" x 12" Panels	9	3.952	4.347	0.54	0.80	32.45	0.000	0.000	141.05	0.00	0.00	2,528.24
120.0	Round Low Profile Pl	1	4.051	4.456	1.00	1.00	53.06	0.000	0.000	236.43	0.00	0.00	2,658.16
120.0	24" x 12" Panels	3	4.051	4.456	0.62	0.80	6.57	0.000	0.000	29.26	0.00	0.00	500.82
120.0	Decibel	3	4.051	4.456	0.66	0.80	14.05	0.000	0.000	62.60	0.00	0.00	922.06
133.0	Decibel 950F852E-M	4	4.172	4.589	1.06	0.80	18.15	0.000	0.000	83.30	0.00	0.00	869.40
133.0	Antel LPA-80080/6CF	4	4.172	4.589	1.39	0.80	35.53	0.000	0.000	163.03	0.00	0.00	1,551.45
133.0	Decibel DB950F65E-M	2	4.172	4.589	0.80	0.80	12.85	0.000	0.000	58.97	0.00	0.00	648.76
133.0	Antel LPA-80063/6CF	2	4.172	4.589	0.80	0.80	19.07	0.000	0.000	87.49	0.00	0.00	1,104.77
133.0	Round Low Profile Pl	1	4.172	4.589	1.00	1.00	53.38	0.000	0.000	244.96	0.00	0.00	2,669.10
140.0	Round Low Profile Pl	1	4.233	4.657	1.00	1.00	53.54	0.000	0.000	249.34	0.00	0.00	2,674.58
140.0	Decibel DB980H90E-M	6	4.233	4.657	0.66	0.80	22.46	0.000	0.000	104.61	0.00	0.00	1,196.55
150.0	Round Low Profile Pl	1	4.318	4.749	1.00	1.00	53.76	0.000	0.000	255.35	0.00	0.00	2,682.03
150.0	ADC Cleargain	9	4.334	4.767	0.40	0.80	6.46	0.000	2.000	30.78	0.00	61.55	1,035.34
150.0	CSS DUO1417-8686	9	4.334	4.767	0.66	0.80	45.27	0.000	2.000	215.83	0.00	431.67	3,064.46
										2,194.23			27,060.41

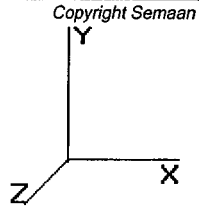


Load Case: 1.2D + 1.0Di + 1.0Wi — 40.00 mph with 1.25 in Radial Ice — 22 Iterations

Gust Response Factor 1.10 | Ice Dead Load Factor : 1.00 | Wind Importance Factor : 1.00
Dead Load Factor : 1.20 | Ice Importance Factor : 1.00
Wind Load Factor : 1.00

Linear Appurtenance Segment Forces (Factored)

Seg Top Elev (ft)	Description	Exposed To Wind	Length (ft)	Ca	Exposed Width (in)	Area (sqft)	CaAa (sqft)	qz (psf)	Ra	Cf Adjust Factor	F X (lb)	Dead Load (lb)
5.00	(2) Seam Flange	Yes	5.00	0.000	6.00	4.23	0.00	2.724	0.110	1.031	0.00	449.49
5.00	(1) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	2.724	0.110	1.031	0.00	32.31
10.00	(2) Seam Flange	Yes	5.00	0.000	6.00	4.35	0.00	2.724	0.117	1.050	0.00	456.85
10.00	(1) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	2.724	0.117	1.050	0.00	36.57
15.00	(2) Seam Flange	Yes	5.00	0.000	6.00	4.43	0.00	2.724	0.124	1.071	0.00	461.53
15.00	(1) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	2.724	0.124	1.071	0.00	39.33
20.00	(2) Seam Flange	Yes	5.00	0.000	6.00	4.48	0.00	2.724	0.128	1.085	0.00	465.04
20.00	(1) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	2.724	0.128	1.085	0.00	41.43
25.00	(2) Seam Flange	Yes	5.00	0.000	6.00	4.53	0.00	2.724	0.131	1.092	0.00	467.86
25.00	(1) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	2.724	0.131	1.092	0.00	43.14
30.00	(2) Seam Flange	Yes	5.00	0.000	6.00	4.56	0.00	2.726	0.133	1.099	0.00	470.25
30.00	(1) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	2.726	0.133	1.099	0.00	44.59
35.00	(2) Seam Flange	Yes	5.00	0.000	6.00	4.60	0.00	2.849	0.136	1.107	0.00	472.32
35.00	(1) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	2.849	0.136	1.107	0.00	45.86
40.00	(2) Seam Flange	Yes	5.00	0.000	6.00	4.62	0.00	2.960	0.138	1.115	0.00	474.15
40.00	(1) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	2.960	0.138	1.115	0.00	46.99
45.00	(2) Seam Flange	Yes	5.00	0.000	6.00	4.65	0.00	3.061	0.141	1.123	0.00	475.80
45.00	(1) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	3.061	0.141	1.123	0.00	48.00
50.00	(2) Seam Flange	Yes	5.00	0.000	6.00	4.67	0.00	3.155	0.144	1.131	0.00	477.31
50.00	(1) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	3.155	0.144	1.131	0.00	48.94
55.00	(2) Seam Flange	Yes	5.00	0.000	6.00	4.69	0.00	3.242	0.147	1.140	0.00	478.69
55.00	(1) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	3.242	0.147	1.140	0.00	49.80
60.00	(2) Seam Flange	Yes	5.00	0.000	6.00	4.71	0.00	3.323	0.149	1.146	0.00	479.97
60.00	(1) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	3.323	0.149	1.146	0.00	50.60
65.00	(2) Seam Flange	Yes	5.00	0.000	6.00	4.73	0.00	3.400	0.152	1.155	0.00	481.16
65.00	(1) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	3.400	0.152	1.155	0.00	51.34
70.00	(2) Seam Flange	Yes	5.00	0.000	6.00	4.75	0.00	3.473	0.155	1.165	0.00	482.28
70.00	(1) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	3.473	0.155	1.165	0.00	52.04
75.00	(2) Seam Flange	Yes	5.00	0.000	6.00	4.76	0.00	3.542	0.159	1.176	0.00	483.33
75.00	(1) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	3.542	0.159	1.176	0.00	52.71
80.00	(2) Seam Flange	Yes	5.00	0.000	6.00	4.78	0.00	3.608	0.162	1.187	0.00	484.32
85.00	(2) Seam Flange	Yes	5.00	0.000	6.00	4.79	0.00	3.671	0.166	1.198	0.00	485.27
90.00	(16) 1 5/8" Coax	Yes	5.00	1.200	4.00	3.97	4.76	3.731	0.311	0.000	19.55	492.05
90.00	(12) 1 5/8" Coax	Yes	5.00	1.200	4.00	3.97	4.76	3.731	0.311	0.000	19.55	380.71
95.00	(16) 1 5/8" Coax	Yes	5.00	1.200	4.00	3.98	4.78	3.789	0.321	0.000	19.92	494.41
95.00	(12) 1 5/8" Coax	Yes	5.00	1.200	4.00	3.98	4.78	3.789	0.321	0.000	19.92	382.60
100.0	(16) 1 5/8" Coax	Yes	5.00	1.200	4.00	3.99	4.79	3.845	0.333	0.000	20.27	496.65
100.0	(12) 1 5/8" Coax	Yes	5.00	1.200	4.00	3.99	4.79	3.845	0.333	0.000	20.27	384.40
105.0	(16) 1 5/8" Coax	Yes	5.00	1.200	4.00	4.01	4.81	3.899	0.344	0.000	20.62	498.80
105.0	(12) 1 5/8" Coax	Yes	5.00	1.200	4.00	4.01	4.81	3.899	0.344	0.000	20.62	386.13
110.0	(16) 1 5/8" Coax	Yes	5.00	1.200	4.00	4.02	4.82	3.952	0.357	0.000	20.95	500.87
110.0	(12) 1 5/8" Coax	Yes	5.00	1.200	4.00	4.02	4.82	3.952	0.357	0.000	20.95	387.79
115.0	(16) 1 5/8" Coax	Yes	5.00	0.000	4.00	4.03	0.00	4.002	0.185	1.256	0.00	502.85
120.0	(16) 1 5/8" Coax	Yes	5.00	0.000	4.00	4.04	0.00	4.051	0.192	1.277	0.00	504.75
125.0	(16) 1 5/8" Coax	Yes	5.00	1.200	4.00	4.05	4.86	4.099	0.200	0.000	21.89	506.59
130.0	(16) 1 5/8" Coax	Yes	5.00	1.200	4.00	4.06	4.87	4.145	0.209	0.000	22.19	508.37
133.0	(16) 1 5/8" Coax	Yes	3.00	1.200	4.00	2.44	2.92	4.172	0.216	0.000	13.42	305.64
										Totals:	260.14	15,461.87



Load Case: 1.2D + 1.0Di + 1.0Wi — 40.00 mph with 1.25 in Radial Ice — 22 Iterations

Gust Response Factor 1.10
Dead Load Factor : 1.20
Wind Load Factor : 1.00

Ice Dead Load Factor : 1.00

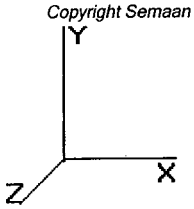
Wind Importance Factor : 1.00
Ice Importance Factor : 1.00

Applied Segment Forces Summary

Seg Elev (ft)	Lateral FX (-) (lb)	Axial FY (-) (lb)	Torsion MY (lb-ft)	Moment MZ (lb-ft)
0.00	0.00	0.00	0.00	0.00
5.00	87.60	4,004.86	0.00	0.00
10.00	83.65	3,889.09	0.00	0.00
15.00	79.53	3,745.60	0.00	0.00
20.00	77.22	3,504.06	0.00	0.00
25.00	76.12	3,476.26	0.00	0.00
30.00	75.06	3,444.46	0.00	0.00
35.00	77.24	3,409.79	0.00	0.00
40.00	78.98	3,372.96	0.00	0.00
45.00	80.37	3,334.43	0.00	0.00
50.00	81.46	3,294.51	0.00	0.00
55.00	82.30	3,253.45	0.00	0.00
60.00	83.48	3,075.14	0.00	0.00
65.00	83.91	3,035.41	0.00	0.00
70.00	84.17	2,994.95	0.00	0.00
75.00	92.40	2,977.55	0.00	0.00
80.00	84.23	2,574.49	0.00	0.00
85.00	84.06	2,538.42	0.00	0.00
90.00	103.21	1,884.90	0.00	0.00
95.00	103.29	1,864.62	0.00	0.00
100.0	103.25	1,843.87	0.00	0.00
105.0	103.11	1,822.68	0.00	0.00
110.0	467.02	7,260.32	0.00	0.00
115.0	60.00	1,306.26	0.00	0.00
120.0	387.27	5,367.20	0.00	0.00
125.0	79.80	1,206.77	0.00	0.00
130.0	78.96	1,186.17	0.00	0.00
133.0	684.59	7,546.56	0.00	0.00
135.0	22.01	260.95	0.00	0.00
140.0	408.27	4,503.69	0.00	0.00
145.0	53.01	580.20	0.00	0.00
150.0	553.62	7,339.03	0.00	493.22
Totals:	4,599.18	99,898.63	0.00	493.22

Pole :	302523
Location :	New Milford CT 2, CT
Height :	150.0 (ft)
Shape :	12 Sides
Base Dia :	53.900 (in)
Top Dia :	15.000 (in)
Taper :	0.156709 (in/ft)

Code: ANSI/TIA-222 Rev G
Struct Class : II
Exposure Category : B
Topographic Category : 1
Base Elev : 0.000 (ft)



Load Case: 1.2D + 1.0Di + 1.0Wi 40.00 mph with 1.25 in Radial Ice 22 Iterations

Gust Response Factor 1.10
Dead Load Factor : 1.20
Wind Load Factor : 1.00

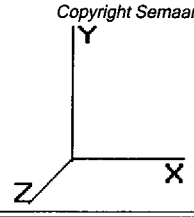
Ice Dead Load Factor : 1.00

Wind Importance Factor : 1.00
Ice Importance Factor : 1.00

Calculated Forces

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-99.90	-4.61	0.00	-513.97	0.00	513.97	4,435.99	2,217.99	9,673.38	4,777.32	0.00	0.00	0.130
5.00	-95.89	-4.55	0.00	-490.91	0.00	490.91	4,199.37	2,099.69	8,662.16	4,277.91	0.01	-0.02	0.138
10.00	-92.00	-4.50	0.00	-468.15	0.00	468.15	3,962.76	1,981.38	7,706.76	3,806.08	0.03	-0.03	0.146
15.00	-88.25	-4.45	0.00	-445.66	0.00	445.66	3,726.14	1,863.07	6,807.17	3,361.81	0.08	-0.05	0.156
15.00	-88.25	-4.45	0.00	-445.66	0.00	445.66	3,726.14	1,863.07	6,807.17	3,361.81	0.08	-0.05	0.161
20.00	-84.75	-4.40	0.00	-423.43	0.00	423.43	3,523.32	1,761.66	6,365.65	3,143.76	0.15	-0.08	0.159
25.00	-81.27	-4.35	0.00	-401.43	0.00	401.43	3,458.41	1,729.20	6,131.48	3,028.11	0.24	-0.10	0.156
30.00	-77.82	-4.30	0.00	-379.67	0.00	379.67	3,393.49	1,696.75	5,901.70	2,914.63	0.35	-0.12	0.153
35.00	-74.41	-4.25	0.00	-358.15	0.00	358.15	3,328.58	1,664.29	5,676.31	2,803.32	0.50	-0.15	0.150
40.00	-71.04	-4.19	0.00	-336.89	0.00	336.89	3,263.66	1,631.83	5,455.31	2,694.17	0.66	-0.17	0.147
45.00	-67.70	-4.13	0.00	-315.93	0.00	315.93	3,198.75	1,599.37	5,238.70	2,587.20	0.86	-0.20	0.143
50.00	-64.41	-4.06	0.00	-295.29	0.00	295.29	3,133.84	1,566.92	5,026.47	2,482.39	1.08	-0.22	0.140
55.00	-61.15	-3.99	0.00	-274.98	0.00	274.98	3,068.92	1,534.46	4,818.64	2,379.74	1.32	-0.24	0.135
55.00	-61.15	-3.99	0.00	-274.98	0.00	274.98	3,068.92	1,534.46	4,818.64	2,379.74	1.32	-0.24	0.161
60.00	-58.08	-3.92	0.00	-255.01	0.00	255.01	2,502.55	1,251.27	3,888.36	1,920.31	1.59	-0.27	0.156
65.00	-55.04	-3.84	0.00	-235.42	0.00	235.42	2,448.71	1,224.35	3,721.52	1,837.92	1.88	-0.29	0.151
70.00	-52.04	-3.77	0.00	-216.19	0.00	216.19	2,394.87	1,197.43	3,558.34	1,757.33	2.20	-0.32	0.145
75.00	-49.06	-3.68	0.00	-197.36	0.00	197.36	2,341.02	1,170.51	3,398.82	1,678.55	2.54	-0.34	0.139
75.00	-49.06	-3.68	0.00	-197.36	0.00	197.36	2,341.02	1,170.51	3,398.82	1,678.55	2.54	-0.34	0.155
80.00	-46.49	-3.60	0.00	-178.97	0.00	178.97	2,038.12	1,019.06	2,910.66	1,437.47	2.91	-0.36	0.147
85.00	-43.95	-3.52	0.00	-160.98	0.00	160.98	1,990.32	995.16	2,774.77	1,370.36	3.31	-0.39	0.140
85.00	-43.95	-3.52	0.00	-160.98	0.00	160.98	1,990.32	995.16	2,774.77	1,370.36	3.31	-0.39	0.307
90.00	-42.06	-3.46	0.00	-143.39	0.00	143.39	1,138.88	569.44	1,134.25	560.17	3.73	-0.42	0.293
95.00	-40.19	-3.43	0.00	-126.09	0.00	126.09	1,101.39	550.70	1,060.45	523.72	4.24	-0.55	0.277
100.00	-38.34	-3.39	0.00	-108.92	0.00	108.92	1,063.91	531.95	989.12	488.49	4.89	-0.68	0.259
105.00	-36.51	-3.34	0.00	-91.96	0.00	91.96	1,026.42	513.21	920.28	454.49	5.66	-0.80	0.238
110.00	-29.25	-2.82	0.00	-75.26	0.00	75.26	988.94	494.47	853.92	421.72	6.56	-0.91	0.208
110.00	-29.25	-2.82	0.00	-75.26	0.00	75.26	988.94	494.47	853.92	421.72	6.56	-0.91	0.275
115.00	-27.94	-2.79	0.00	-61.16	0.00	61.16	716.32	358.16	598.93	295.79	7.57	-1.01	0.246
120.00	-22.58	-2.35	0.00	-47.20	0.00	47.20	688.73	344.36	553.48	273.34	8.69	-1.13	0.206
125.00	-21.37	-2.28	0.00	-35.46	0.00	35.46	661.13	330.57	509.81	251.78	9.94	-1.23	0.173
130.00	-20.18	-2.19	0.00	-24.07	0.00	24.07	633.54	316.77	467.94	231.10	11.28	-1.32	0.136
133.00	-12.66	-1.34	0.00	-17.49	0.00	17.49	616.99	308.49	443.68	219.12	12.12	-1.36	0.100
135.00	-12.39	-1.32	0.00	-14.81	0.00	14.81	605.95	302.97	427.87	211.31	12.69	-1.38	0.091
140.00	-7.90	-0.81	0.00	-8.22	0.00	8.22	578.35	289.18	389.59	192.40	14.16	-1.42	0.056
145.00	-7.32	-0.74	0.00	-4.19	0.00	4.19	550.76	275.38	353.10	174.38	15.67	-1.45	0.037
150.00	0.00	-0.55	0.00	-0.49	0.00	0.49	523.17	261.58	318.40	157.25	17.19	-1.46	0.003

Pole :	302523	Code: ANSI/TIA-222 Rev G	
Location :	New Milford CT 2, CT	Struct Class : II	
Height :	150.0 (ft)	Exposure Category : B	
Shape :	12 Sides	Topographic Category : 1	
Base Dia :	53.900 (in)		
Top Dia :	15.000 (in)		
Taper :	0.156709 (in/ft)	Base Elev : 0.000 (ft)	



Load Case: 1.2D + 1.0E — Dead Load with Seismic — 21 Iterations

Gust Response Factor 1.10		Sds : 0.32	Ss : 0.30
Dead Load Factor : 1.20	Seismic Load Factor : 1.00	Sd1 : 0.14	S1 : 0.09
Wind Load Factor : 0.00	Structure Frequency : 0.4329	SA : 0.06	Seismic Importance Factor : 1.00

Total Segment Forces (Factored)

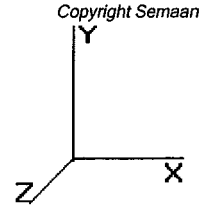
R : 1.50

Seg Top Elev (ft)	Description	Wz (lb)	a	b	c	Lateral Fs (lb)
0.00		0.00	0.00	0.00	0.00	0.00
5.00		2125.60	0.00	0.03	0.02	62.19
10.00		2009.11	0.01	0.05	0.03	86.88
15.00	Top - Section 1	1892.63	0.02	0.07	0.04	98.43
20.00		1676.30	0.03	0.08	0.04	101.35
25.00		1645.70	0.05	0.10	0.05	118.40
30.00		1615.09	0.08	0.12	0.05	143.57
35.00		1584.49	0.10	0.15	0.05	178.70
40.00		1553.89	0.13	0.20	0.05	223.70
45.00		1523.29	0.17	0.26	0.06	276.54
50.00		1492.68	0.21	0.33	0.06	333.67
55.00	Top - Section 2	1462.08	0.25	0.41	0.07	390.87
60.00		1313.68	0.30	0.50	0.08	407.43
65.00		1285.72	0.35	0.59	0.10	449.22
70.00		1257.76	0.41	0.68	0.11	481.60
75.00	Top - Section 3	2729.79	0.47	0.77	0.13	1116.15
80.00		964.88	0.54	0.84	0.14	410.92
85.00	Top - Section 4	942.51	0.61	0.89	0.16	407.86
90.00		336.68	0.68	0.91	0.17	144.29
95.00		325.78	0.76	0.91	0.19	134.52
100.0		314.87	0.84	0.88	0.21	121.50
105.0		303.97	0.93	0.82	0.23	105.93
110.0	Top - Section 5	2200.77	1.02	0.74	0.25	667.24
115.0		212.34	1.11	0.64	0.28	53.97
120.0	Appertunance(s)	2112.02	1.21	0.55	0.32	438.50
125.0		196.29	1.31	0.47	0.37	33.66
130.0		188.27	1.42	0.46	0.45	29.03
133.0	Appertunance(s)	3567.81	1.49	0.49	0.50	557.31
135.0		71.13	1.53	0.54	0.55	11.64
140.0	Appertunance(s)	1897.22	1.65	0.77	0.69	389.71
145.0		164.19	1.77	1.22	0.88	46.46
150.0	Appertunance(s)	2063.87	1.89	1.98	1.14	820.15
	Totals:	41,030.43				8,841.37

Total Wind : 28,269.9

Seismic Base Shear Not Tested Due To User Override - Analysis Required

Pole :	302523	Code: ANSI/TIA-222 Rev G	4/8/2008 1:03:41 PM
Location :	New Milford CT 2, CT	Struct Class : II	
Height :	150.0 (ft)	Exposure Category : B	Page: 19
Shape :	12 Sides	Topographic Category : 1	
Base Dia :	53.900 (in)		
Top Dia :	15.000 (in)		
Taper :	0.156709 (in/ft)	Base Elev : 0.000 (ft)	



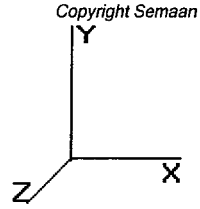
Load Case: 1.2D + 1.0E — Dead Load with Seismic — 21 Iterations

Gust Response Factor 1.10		Sds : 0.32	Ss : 0.30
Dead Load Factor : 1.20	Seismic Load Factor : 1.00	Sd1 : 0.14	S1 : 0.09
Wind Load Factor : 0.00	Structure Frequency : 0.4329	SA : 0.06	Seismic Importance Factor : 1.00

Calculated Forces

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-56.82	-8.85	0.00	-786.43	0.00	786.43	4,435.99	2,217.99	9,673.38	4,777.32	0.00	0.00	0.177
5.00	-53.63	-8.81	0.00	-742.17	0.00	742.17	4,199.37	2,099.69	8,662.16	4,277.91	0.01	-0.02	0.186
10.00	-50.59	-8.75	0.00	-698.10	0.00	698.10	3,962.76	1,981.38	7,706.76	3,806.08	0.05	-0.05	0.196
15.00	-47.68	-8.67	0.00	-654.36	0.00	654.36	3,726.14	1,863.07	6,807.17	3,361.81	0.12	-0.08	0.207
15.00	-47.68	-8.67	0.00	-654.36	0.00	654.36	3,726.14	1,863.07	6,807.17	3,361.81	0.12	-0.08	0.214
20.00	-45.04	-8.59	0.00	-611.00	0.00	611.00	3,523.32	1,761.66	6,365.65	3,143.76	0.22	-0.11	0.207
25.00	-42.43	-8.49	0.00	-568.03	0.00	568.03	3,458.41	1,729.20	6,131.48	3,028.11	0.35	-0.15	0.200
30.00	-39.86	-8.37	0.00	-525.56	0.00	525.56	3,393.49	1,696.75	5,901.70	2,914.63	0.53	-0.18	0.192
35.00	-37.32	-8.20	0.00	-483.73	0.00	483.73	3,328.58	1,664.29	5,676.31	2,803.32	0.73	-0.21	0.184
40.00	-34.83	-7.99	0.00	-442.72	0.00	442.72	3,263.66	1,631.83	5,455.31	2,694.17	0.97	-0.25	0.175
45.00	-32.37	-7.72	0.00	-402.79	0.00	402.79	3,198.75	1,599.37	5,238.70	2,587.20	1.25	-0.28	0.166
50.00	-29.95	-7.39	0.00	-364.21	0.00	364.21	3,133.84	1,566.92	5,026.47	2,482.39	1.55	-0.31	0.156
55.00	-27.56	-6.99	0.00	-327.29	0.00	327.29	3,068.92	1,534.46	4,818.64	2,379.74	1.89	-0.34	0.147
55.00	-27.56	-6.99	0.00	-327.29	0.00	327.29	3,068.92	1,534.46	4,818.64	2,379.74	1.89	-0.34	0.174
60.00	-25.36	-6.59	0.00	-292.31	0.00	292.31	2,502.55	1,251.27	3,888.36	1,920.31	2.26	-0.36	0.162
65.00	-23.18	-6.13	0.00	-259.38	0.00	259.38	2,448.71	1,224.35	3,721.52	1,837.92	2.65	-0.39	0.151
70.00	-21.05	-5.65	0.00	-228.71	0.00	228.71	2,394.87	1,197.43	3,558.34	1,757.33	3.08	-0.42	0.139
75.00	-18.94	-4.52	0.00	-200.48	0.00	200.48	2,341.02	1,170.51	3,398.82	1,678.55	3.53	-0.44	0.128
75.00	-18.94	-4.52	0.00	-200.48	0.00	200.48	2,341.02	1,170.51	3,398.82	1,678.55	3.53	-0.44	0.142
80.00	-17.15	-4.10	0.00	-177.87	0.00	177.87	2,038.12	1,019.06	2,910.66	1,437.47	4.00	-0.47	0.132
85.00	-15.40	-3.69	0.00	-157.35	0.00	157.35	1,990.32	995.16	2,774.77	1,370.36	4.51	-0.49	0.123
85.00	-15.40	-3.69	0.00	-157.35	0.00	157.35	1,990.32	995.16	2,774.77	1,370.36	4.51	-0.49	0.276
90.00	-14.73	-3.56	0.00	-138.90	0.00	138.90	1,138.88	569.44	1,134.25	560.17	5.04	-0.52	0.261
95.00	-14.07	-3.45	0.00	-121.10	0.00	121.10	1,101.39	550.70	1,060.45	523.72	5.65	-0.65	0.244
100.00	-13.43	-3.35	0.00	-103.86	0.00	103.86	1,063.91	531.95	989.12	488.49	6.39	-0.77	0.225
105.00	-12.80	-3.26	0.00	-87.12	0.00	87.12	1,026.42	513.21	920.28	454.49	7.26	-0.88	0.204
110.00	-10.81	-2.58	0.00	-70.84	0.00	70.84	988.94	494.47	853.92	421.72	8.24	-0.99	0.179
110.00	-10.81	-2.58	0.00	-70.84	0.00	70.84	988.94	494.47	853.92	421.72	8.24	-0.99	0.237
115.00	-10.35	-2.53	0.00	-57.96	0.00	57.96	716.32	358.16	598.93	295.79	9.33	-1.08	0.210
120.00	-7.96	-2.06	0.00	-45.29	0.00	45.29	688.73	344.36	553.48	273.34	10.53	-1.20	0.177
125.00	-7.58	-2.03	0.00	-34.98	0.00	34.98	661.13	330.57	509.81	251.78	11.84	-1.30	0.150
130.00	-7.21	-2.00	0.00	-24.82	0.00	24.82	633.54	316.77	467.94	231.10	13.25	-1.38	0.119
133.00	-4.95	-1.39	0.00	-18.82	0.00	18.82	616.99	308.49	443.68	219.12	14.13	-1.42	0.094
135.00	-4.84	-1.38	0.00	-16.03	0.00	16.03	605.95	302.97	427.87	211.31	14.73	-1.45	0.084
140.00	-2.72	-0.94	0.00	-9.13	0.00	9.13	578.35	289.18	389.59	192.40	16.28	-1.50	0.052
145.00	-2.49	-0.89	0.00	-4.43	0.00	4.43	550.76	275.38	353.10	174.38	17.86	-1.52	0.030
150.00	0.00	-0.82	0.00	0.00	0.00	0.00	523.17	261.58	318.40	157.25	19.46	-1.53	0.000

Pole :	302523	Code: ANSI/TIA-222 Rev G	
Location :	New Milford CT 2, CT	Struct Class : II	
Height :	150.0 (ft)	Exposure Category : B	
Shape :	12 Sides	Topographic Category : 1	
Base Dia :	53.900 (in)		
Top Dia :	15.000 (in)		
Taper :	0.156709 (in/ft)	Base Elev : 0.000 (ft)	



Load Case: 0.9D + 1.0E — Dead Load with Seismic (Reduced DL) — 21 Iterations

Gust Response Factor 1.10		Sds : 0.32	Ss : 0.30
Dead Load Factor : 0.90	Seismic Load Factor : 1.00	Sd1 : 0.14	S1 : 0.09
Wind Load Factor : 0.00	Structure Frequency : 0.4329	SA : 0.06	Seismic Importance Factor : 1.00

Total Segment Forces (Factored)

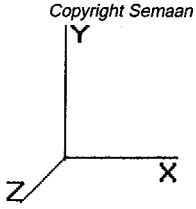
R : 1.50

Seg Top Elev (ft)	Description	Wz (lb)	a	b	c	Lateral Fs (lb)
0.00		0.00	0.00	0.00	0.00	0.00
5.00		2125.60	0.00	0.03	0.02	62.19
10.00		2009.11	0.01	0.05	0.03	86.88
15.00	Top - Section 1	1892.63	0.02	0.07	0.04	98.43
20.00		1676.30	0.03	0.08	0.04	101.35
25.00		1645.70	0.05	0.10	0.05	118.40
30.00		1615.09	0.08	0.12	0.05	143.57
35.00		1584.49	0.10	0.15	0.05	178.70
40.00		1553.89	0.13	0.20	0.05	223.70
45.00		1523.29	0.17	0.26	0.06	276.54
50.00		1492.68	0.21	0.33	0.06	333.67
55.00	Top - Section 2	1462.08	0.25	0.41	0.07	390.87
60.00		1313.68	0.30	0.50	0.08	407.43
65.00		1285.72	0.35	0.59	0.10	449.22
70.00		1257.76	0.41	0.68	0.11	481.60
75.00	Top - Section 3	2729.79	0.47	0.77	0.13	1116.15
80.00		964.88	0.54	0.84	0.14	410.92
85.00	Top - Section 4	942.51	0.61	0.89	0.16	407.86
90.00		336.68	0.68	0.91	0.17	144.29
95.00		325.78	0.76	0.91	0.19	134.52
100.0		314.87	0.84	0.88	0.21	121.50
105.0		303.97	0.93	0.82	0.23	105.93
110.0	Top - Section 5	2200.77	1.02	0.74	0.25	667.24
115.0		212.34	1.11	0.64	0.28	53.97
120.0	Appertunance(s)	2112.02	1.21	0.55	0.32	438.50
125.0		196.29	1.31	0.47	0.37	33.66
130.0		188.27	1.42	0.46	0.45	29.03
133.0	Appertunance(s)	3567.81	1.49	0.49	0.50	557.31
135.0		71.13	1.53	0.54	0.55	11.64
140.0	Appertunance(s)	1897.22	1.65	0.77	0.69	389.71
145.0		164.19	1.77	1.22	0.88	46.46
150.0	Appertunance(s)	2063.87	1.89	1.98	1.14	820.15
	Totals:	41,030.43				8,841.37

Total Wind : 28,269.9

Seismic Base Shear Not Tested Due To User Override - Analysis Required

Pole :	302523	Code: ANSI/TIA-222 Rev G	
Location :	New Milford CT 2, CT	Struct Class : II	
Height :	150.0 (ft)	Exposure Category : B	
Shape :	12 Sides	Topographic Category : 1	
Base Dia :	53.900 (in)		
Top Dia :	15.000 (in)		
Taper :	0.156709 (in/ft)	Base Elev : 0.000 (ft)	



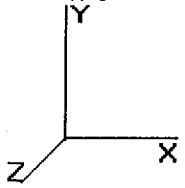
Load Case: 0.9D + 1.0E — Dead Load with Seismic (Reduced DL) — 21 Iterations

Gust Response Factor 1.10		Sds : 0.32	Ss : 0.30
Dead Load Factor : 0.90	Seismic Load Factor : 1.00	Sd1 : 0.14	S1 : 0.09
Wind Load Factor : 0.00	Structure Frequency : 0.4329	SA : 0.06	Seismic Importance Factor : 1.00

Calculated Forces

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-42.61	-8.85	0.00	-781.02	0.00	781.02	4,435.99	2,217.99	9,673.38	4,777.32	0.00	0.00	0.173
5.00	-40.22	-8.80	0.00	-736.77	0.00	736.77	4,199.37	2,099.69	8,662.16	4,277.91	0.01	-0.02	0.182
10.00	-37.94	-8.73	0.00	-692.75	0.00	692.75	3,962.76	1,981.38	7,706.76	3,806.08	0.05	-0.05	0.192
15.00	-35.76	-8.65	0.00	-649.08	0.00	649.08	3,726.14	1,863.07	6,807.17	3,361.81	0.12	-0.08	0.203
15.00	-35.76	-8.65	0.00	-649.08	0.00	649.08	3,726.14	1,863.07	6,807.17	3,361.81	0.12	-0.08	0.209
20.00	-33.77	-8.57	0.00	-605.82	0.00	605.82	3,523.32	1,761.66	6,365.65	3,143.76	0.22	-0.11	0.202
25.00	-31.82	-8.46	0.00	-562.98	0.00	562.98	3,458.41	1,729.20	6,131.48	3,028.11	0.35	-0.14	0.195
30.00	-29.89	-8.33	0.00	-520.67	0.00	520.67	3,393.49	1,696.75	5,901.70	2,914.63	0.52	-0.18	0.187
35.00	-27.99	-8.16	0.00	-479.01	0.00	479.01	3,328.58	1,664.29	5,676.31	2,803.32	0.73	-0.21	0.179
40.00	-26.11	-7.95	0.00	-438.20	0.00	438.20	3,263.66	1,631.83	5,455.31	2,694.17	0.97	-0.24	0.171
45.00	-24.27	-7.67	0.00	-398.47	0.00	398.47	3,198.75	1,599.37	5,238.70	2,587.20	1.24	-0.27	0.162
50.00	-22.45	-7.34	0.00	-360.10	0.00	360.10	3,133.84	1,566.92	5,026.47	2,482.39	1.54	-0.30	0.152
55.00	-20.66	-6.95	0.00	-323.39	0.00	323.39	3,068.92	1,534.46	4,818.64	2,379.74	1.87	-0.33	0.143
55.00	-20.66	-6.95	0.00	-323.39	0.00	323.39	3,068.92	1,534.46	4,818.64	2,379.74	1.87	-0.33	0.169
60.00	-19.01	-6.54	0.00	-288.63	0.00	288.63	2,502.55	1,251.27	3,888.36	1,920.31	2.24	-0.36	0.158
65.00	-17.38	-6.09	0.00	-255.92	0.00	255.92	2,448.71	1,224.35	3,721.52	1,837.92	2.63	-0.39	0.146
70.00	-15.78	-5.61	0.00	-225.46	0.00	225.46	2,394.87	1,197.43	3,558.34	1,757.33	3.05	-0.41	0.135
75.00	-14.20	-4.48	0.00	-197.43	0.00	197.43	2,341.02	1,170.51	3,398.82	1,678.55	3.50	-0.44	0.124
75.00	-14.20	-4.48	0.00	-197.43	0.00	197.43	2,341.02	1,170.51	3,398.82	1,678.55	3.50	-0.44	0.138
80.00	-12.86	-4.07	0.00	-175.01	0.00	175.01	2,038.12	1,019.06	2,910.66	1,437.47	3.97	-0.46	0.128
85.00	-11.54	-3.65	0.00	-154.68	0.00	154.68	1,990.32	995.16	2,774.77	1,370.36	4.46	-0.49	0.119
85.00	-11.54	-3.65	0.00	-154.68	0.00	154.68	1,990.32	995.16	2,774.77	1,370.36	4.46	-0.49	0.269
90.00	-11.04	-3.52	0.00	-136.40	0.00	136.40	1,138.88	569.44	1,134.25	560.17	4.99	-0.51	0.253
95.00	-10.54	-3.40	0.00	-118.80	0.00	118.80	1,101.39	550.70	1,060.45	523.72	5.59	-0.64	0.236
100.00	-10.06	-3.30	0.00	-101.78	0.00	101.78	1,063.91	531.95	989.12	488.49	6.33	-0.76	0.218
105.00	-9.59	-3.20	0.00	-85.30	0.00	85.30	1,026.42	513.21	920.28	454.49	7.18	-0.87	0.197
110.00	-8.10	-2.52	0.00	-69.29	0.00	69.29	988.94	494.47	853.92	421.72	8.15	-0.97	0.173
110.00	-8.10	-2.52	0.00	-69.29	0.00	69.29	988.94	494.47	853.92	421.72	8.15	-0.97	0.228
115.00	-7.75	-2.48	0.00	-56.67	0.00	56.67	716.32	358.16	598.93	295.79	9.22	-1.07	0.202
120.00	-5.96	-2.02	0.00	-44.27	0.00	44.27	688.73	344.36	553.48	273.34	10.40	-1.18	0.171
125.00	-5.68	-1.99	0.00	-34.19	0.00	34.19	661.13	330.57	509.81	251.78	11.69	-1.28	0.144
130.00	-5.40	-1.96	0.00	-24.27	0.00	24.27	633.54	316.77	467.94	231.10	13.07	-1.36	0.114
133.00	-3.71	-1.36	0.00	-18.40	0.00	18.40	616.99	308.49	443.68	219.12	13.94	-1.40	0.090
135.00	-3.62	-1.35	0.00	-15.68	0.00	15.68	605.95	302.97	427.87	211.31	14.53	-1.42	0.080
140.00	-2.03	-0.92	0.00	-8.94	0.00	8.94	578.35	289.18	389.59	192.40	16.05	-1.47	0.050
145.00	-1.86	-0.87	0.00	-4.35	0.00	4.35	550.76	275.38	353.10	174.38	17.60	-1.50	0.028
150.00	0.00	-0.82	0.00	0.00	0.00	0.00	523.17	261.58	318.40	157.25	19.18	-1.51	0.000

Pole :	302523	Code: ANSI/TIA-222 Rev G	
Location :	New Milford CT 2, CT	Struct Class : II	
Height :	150.0 (ft)	Exposure Category : B	
Shape :	12 Sides	Topographic Category : 1	
Base Dia :	53.900 (in)		
Top Dia :	15.000 (in)		
Taper :	0.156709 (in/ft)	Base Elev : 0.000 (ft)	



Analysis Summary

Load Case	Reactions Shear FX (kips)	Shear FZ (kips)	Axial FY (kips)	Moment MX (ft-kips)	Moment MY (ft-kips)	Moment MZ (ft-kips)	Max Usage Elev (ft)	Interaction Ratio
1.2D + 1.6W	28.31	0.00	56.80	0.00	0.00	2816.58	85.00	1.32
0.9D + 1.6W	26.98	0.00	42.59	0.00	0.00	2709.57	85.00	1.29
1.2D + 1.0Di + 1.0Wi	4.61	0.00	99.90	0.00	0.00	513.97	85.00	0.31
1.2D + 1.0E	8.85	0.00	56.82	0.00	0.00	786.43	85.00	0.28
0.9D + 1.0E	8.85	0.00	42.61	0.00	0.00	781.02	85.00	0.27

Base/Flange Plate	Plate Type	***Baseplate***	
	Pole Diameter	53.75	in
	Pole Thickness	0.375	in
	Plate Diameter	63.084	in
	Plate Thickness	2	in
	Plate Fy	60	ksi
	Weld Length	0.3125	in
	ϕ_s Resistance	339.05	k-in
	Applied	91.63	k-in
Stiffeners	#	***0***	

Bolts ●	#	***16***	
	Bolt Circle	58	in
	(R)adial / (S)quare	R	
	Diameter	1.75	in
	Hole Diameter	1.813	in
	Type	#18J	
	Fy	75	ksi
	Fu	100	ksi
	ϕ_s Resistance	142.46	k
	Applied	101.14	k
Reinforcement ●	#	***0***	
Extra Bolts O	#	***8***	
	Bolt Circle	44	in
	(R)adial / (S)quare	S	
	Bolt Gap	6	in
	Offset Angle	22.5	°
	Diameter	2.25	in
	Type	A325	
	Fy	92	ksi
	Fu	120	ksi
	ϕ_s Resistance	292.29	k
	Applied	129.54	k

Code Rev. **G**

Moment 2816.6 k-ft
Axial 56.8 k

Date	4/4/2008
Engineer	DRJ
Site #	302523
Carrier	AT&T Mobility

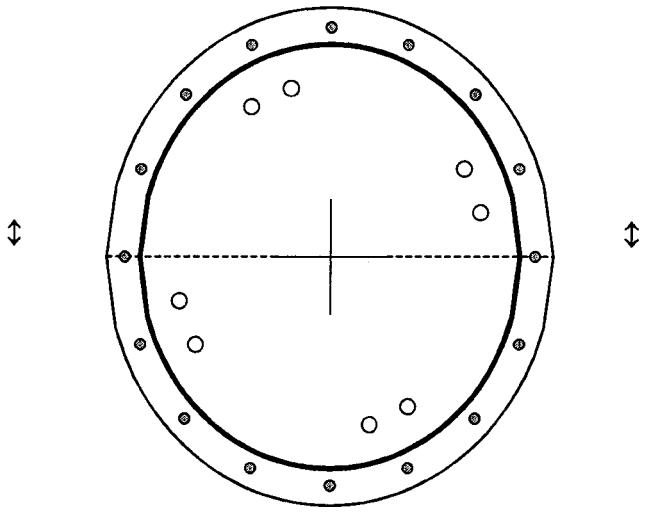


Plate Stress Ratio:
0.27 (Pass)

Bolt Stress Ratio:
0.71 (Pass)

Extra Bolt Stress Ratio:
0.44 (Pass)

Base/Flange Plate	Plate Type	*Flange @ 110.0 ft*	
	Pole Diameter	21.25	in
	Pole Thickness	0.188	in
	Plate Diameter	28.5	in
	Plate Thickness	1	in
	Plate Fy	60	ksi
	Weld Length	0.188	in
	ϕ_s Resistance	75.10	k-in
	Applied	79.81	k-in
Stiffeners	#	*0*	

Bolts ●	#	*12*	
	Bolt Circle	25.75	in
	(R)adial / (S)quare	R	
	Diameter	1	in
	Hole Diameter	1.125	in
	Type	A325	
	Fy	92	ksi
	Fu	120	ksi
	ϕ_s Resistance	54.52	k
	Applied	53.23	k
Reinforcement ●	#	*0*	
Extra Bolts O	#	*0*	

Code Rev. G

Moment 348.1 k-ft
Axial 9.8 k

Date	4/4/2008
Engineer	DRJ
Site #	302523
Carrier	AT&T Mobility

Required Flange Thickness:
1.03 in STIFFENERS REQUIRED!

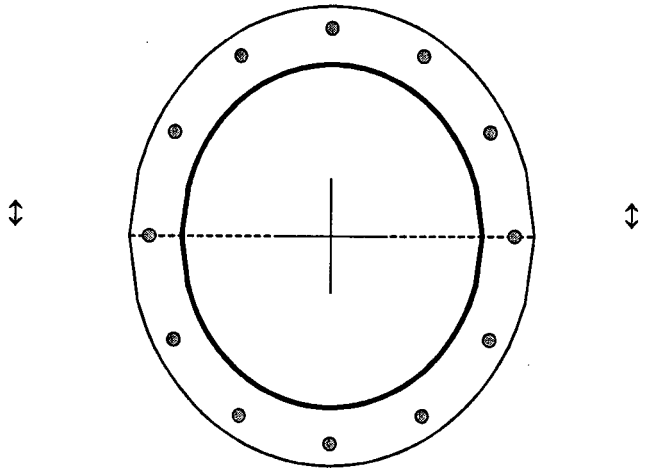


Plate Stress Ratio:
1.06 (Fail)

Bolt Stress Ratio:
0.98 (Pass)

Site Name:	New Milford
Site Number:	302523
Engineer:	BKL
Date:	4/7/2008

Concrete Strength Design per ACI318-05

Design Loads

Compression/Leg:	56.8 k	Concrete Strength (f'_c):	3000 psi
Uplift/Leg:	0.0 k	Pad Tension Steel Depth:	32 in
Total Shear:	28.3 k	Dead Load Factor 1:	0.9
Moment:	2816.6 k-ft	Dead Load Factor 2:	1.2
Tower + Appurtenance Weight:	56.8 k	ϕ_{Shear}:	0.75
Diameter of Pedestal (d):	6.0 ft	$\phi_{Flexure}$:	0.90
Length of Pedestal (l):	5.5 ft	β:	0.85
Height of Pedestal above Ground (h):	0.5	Pad Rebar Size #:	10
Width of Pad (W):	19.0 ft	# of Pad Tension Rebar:	36
Length of Pad (L):	19.0 ft	Pad Lower Steel Area:	45.72 in^2
Thickness of Pad (t):	3.0 ft	Lower Steel F_y:	60000 psi
Tower Leg Center to Center:	0.0 ft (0 if MP or GT)		
Number of Tower Legs:	1.0 (1 if MP or GT)		
Tower Center from Mat Center:	0.0 ft	ϕ_{Soil}:	0.75
Depth Below Ground Surface to Water Table (w):	20.0 ft		
Unit Weight of Concrete:	150.0 pcf		
Unit Weight of Soil Above Water Table:	110.0 pcf		
Unit Weight of Water:	62.4 pcf		
Friction Angle of Uplift (A):	30.0 Degrees		
Ultimate Shear Strength Adhesion of Soil:	500.0 psf		
Ultimate Coefficient of Shear Friction:	0.5		
Ultimate Compressive Bearing Pressure:	10000.0 psf		
Ultimate Passive Pressure on Pad Face:	500.0 psf		
Capacity Increase:	1.00 (Due to Transient Loads)		

Axial Weights

Weight of Concrete (Buoyancy Effect Considered):	185.8 k
Weight of Soil (Buoyancy Effect Considered):	183.0 k

Overturning Factor of Safety

Design OTM (M_u):		3057.1 k-ft
Nominal OTM Resistance ($\phi_s M_n$)	(DLF = 0.9):	2854.5 k-ft
Nominal OTM Resistance ($\phi_s M_n$)	(DLF = 1.2):	3795.3 k-ft
$M_u / \phi_s M_n$	(DLF = 0.9):	1.07 Result: Acceptable
$M_u / \phi_s M_n$	(DLF = 1.2):	0.81 Result: OK

Soil Bearing Pressure Usage

Maximum Bearing Pressure:	6639 psf
Pressure Length:	3.0 ft
Net Bearing Pressure (P_u):	5759 psf
Nominal Bearing Pressure Resistance ($\phi_s P_n$):	7500 psf
$P_u / \phi_s P_n$:	0.77 Result: OK

Sliding Factor of Safety

Design Shear (V_u):		28.3 k
Nominal Sliding Resistance ($\phi_s V_n$)	(DLF = 0.9):	222.8 k
Nominal Sliding Resistance ($\phi_s V_n$)	(DLF = 1.2):	287.6 k
$M_u / \phi_s M_n$	(DLF = 0.9):	0.13 Result: OK
$M_u / \phi_s M_n$	(DLF = 1.2):	0.10 Result: OK

One Way Shear, Flexual Capacity, and Punching Shear

Critical Shear Length from Edge of Pad:	3.83	ft	
Factored Pressure:	6639	psf	
Factored One Way Shear (V_u):	383.0	k	
One Way Shear Capacity (ϕV_c):	599.4	k	
V_u / ϕV_c:	0.64	Result:	OK
Critical Moment Length from Edge of Pad:	6.50	ft	
Factored Moment (M_u):	581.5	k-ft	
Moment Capacity (ϕM_n):	6171.1	k-ft	
M_u / ϕM_n:	0.09	Result:	OK
Factored Punching Shear (V_u):	0.0	k	
Nominal Punching Shear Capacity ($\phi_c V_n$):	1718.0	k	
V_u / ϕV_c:	0.00	Result:	OK

ROBINSON & COLE LLP

KENNETH C. BALDWIN

280 Trumbull Street
Hartford, CT 06103-3597
Main (860) 275-8200
Fax (860) 275-8299
kbaldwin@rc.com
Direct (860) 275-8345

July 9, 2009

Michael Perrone
Siting Analyst
Connecticut Siting Council
10 Franklin Square
New Britain, CT 06051

Re: **Cellco Partnership d/b/a Verizon Wireless**
Exempt Modification Approval

Dear Mr. Perrone:

Enclosed you will find a Post-Modification Structural Analysis Report confirming that the tower as modified is capable of supporting the existing and proposed antenna configurations. The attached report relates specifically to the following Siting Council filing.

1. EM-VER-096-080723
New Milford – 4 Elkington Farm Road, New Milford, CT

If you have any questions regarding any of these materials, please do not hesitate to contact me or Rachel Mayo.

Sincerely,

Kenneth C. Baldwin

Enclosures
Copy to:
Sandy M. Carter
Brian Ragozzine
Mark Gauger

AMERICAN TOWER

Structural Analysis Report

Structure	:	**150 ft ITT Meyer Monopole**
ATC Site Name	:	**New Milford CT 2, CT**
ATC Site Number	:	**302523**
Proposed Carrier	:	**Verizon Wireless**
Carrier Site Name	:	**New Milford**
Carrier Site Number	:	**NA**
County	:	**Litchfield**
Eng. Number	:	**416582210**
Date	:	**June 26, 2009**
Usage	:	**100%**
Portholes Required	:	**No**

Submitted by:
David R. Johnson E.I.
Design Engineer

STATE OF CONNECTICUT
RAPHAEL I. MOHAMED
No. 25112
LICENSED
PROFESSIONAL ENGINEER

7/1/07

American Tower Engineering Services
400 Regency Forest Drive
Cary, NC 27518
Phone: 919-468-0112

Introduction

The purpose of this report is to summarize results of the structural analysis performed on the 150 ft ITT Meyer Monopole located at 4 Elkington Farm Road, New Milford, CT 06776, Litchfield County (ATC site #302523). The tower was originally designed and manufactured by ITT Meyer per design specification by AT&T Technologies (Specification No. AT-8935, dated April 13, 1984). The tower has been strengthened per design by Scientel CMS (dated March 7, 2002) and American Tower Corporation (Project No. 41658239, dated December 22, 2008).

Analysis

The tower was analyzed using Semaan Engineering Solutions, Inc., Software. The analysis assumes that the tower is in good, undamaged, and non-corroded condition.

Basic Wind Speed:	95 mph (3-Second Gust)
Radial Ice:	40 mph (3-Second Gust) w/ 3/4" ice
Code:	ANSI/TIA-222-G / 2003 International Building Code with 2005 Connecticut State Building Code Amendments and 2008 Connecticut Supplement

Antenna Loads

The following antenna loads were used in the tower analysis.

Existing Antennas

Elev. (ft)	Qty	Antennas	Mount	Coax (in)	Carrier
152.0	9	ADC DD1900	Round Low Profile Platform	(9) 1 1/4	AT&T Mobility
	9	CSS DUO1417-8686			
140.0	9	Decibel DB980H90E-M	Round Low Profile Platform	(9) 1 5/8	Sprint Nextel
110.0	3	72" x 12" Panels	(3) Round T-Arm	(12) 1 5/8	
	9	48" x 12" Panels			
75.0	1	GPS	Pipe	(1) 1/2	
50.0	1	GPS	Pipe	(1) 7/8	Verizon Wireless

Proposed Antennas

Elev. (ft)	Qty	Antennas	Mount	Coax (in)	Carrier
133.0	4	Decibel DB950F85E-M	Round Low Profile Platform	(12) 1 5/8	Verizon Wireless
	4	Antel LPA-80080/6CF			
	2	Decibel DB950F65E-M			
	2	Antel LPA-80063/6CF			

Install the proposed coax in the same location as the existing.

Results

The maximum structure usage is: 100%

Additional exit and/or entry ports may be required to accommodate the running of the proposed lines to the proposed antennas. These additional ports **may not** be installed without installation drawings providing the location, size and welding requirements of each port.

To ensure compliance with all conditions of this structural analysis, port installation drawings shall be provided by American Tower's Engineering Department under a subsequent project.

Pole Reactions	Original Design Reactions	Factored Design Reactions*	Current Analysis Reactions	% Of Design
Moment (ft-kips)	1,197.0	1,616.0	2,480.5	153
Shear (kips)	13.1	17.7	25.5	144

The structure base reactions resulting from this analysis were found to be acceptable through analysis based on geotechnical and foundation information, therefore no modification or reinforcement of the foundation will be required.

Conclusion

Based on the analysis results, the structure meets the requirements per ANSI/TIA-222-G and 2003 IBC with 2005 CT Amendments and 2008 Supplement standards. The tower and foundation can support the existing and proposed antennas with the TX line distribution as described in this report.

If you have any questions or require additional information, please call 919-463-6281.

Standard Conditions

All engineering services are performed on the basis that the information used is current and correct. This information may consist of, but is not necessary limited, to:

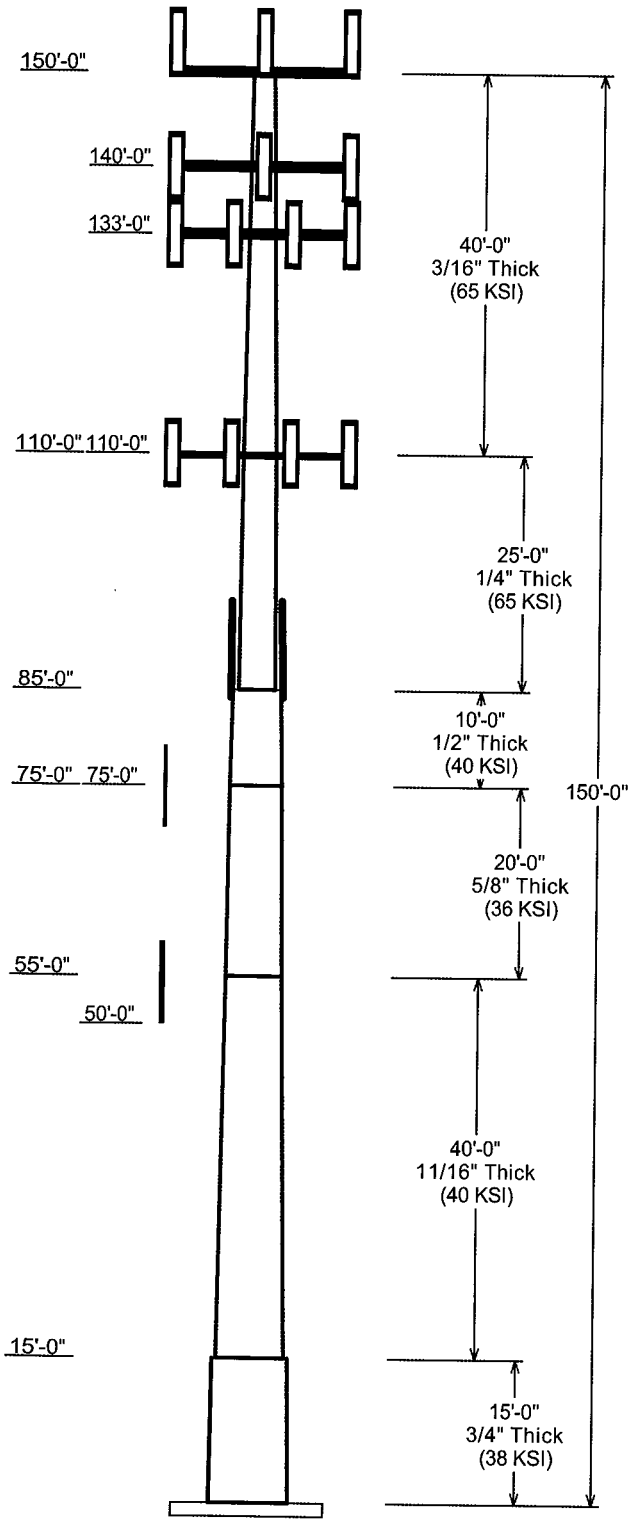
-- Information supplied by the client regarding the structure itself, the antenna and feed line loading on the structure and its components, or other relevant information.

-- Information from drawings in the possession of American Tower Corporation, or generated by field inspections or measurements of the structure.

It is the responsibility of the client to ensure that the information provided to ATC Engineering Services and used in the performance of our engineering services is correct and complete. In the absence of information to the contrary, we assume that all structures were constructed in accordance with the drawings and specifications and are in an un-corroded condition and have not deteriorated; and we, therefore, assume that their capacity has not significantly changed from the "as new" condition.

All services will be performed to the codes specified by the client, and we do not imply to meet any other codes or requirements unless explicitly agreed in writing. If wind and ice loads or other relevant parameters are to be different from the minimum values recommended by the codes, the client shall specify the exact requirement. In the absence of information to the contrary, all work will be performed in accordance with the latest relevant revision of ANSI/EIA-222.

All services are performed, results obtained, and recommendations made in accordance with generally accepted engineering principles and practices. ATC Engineering Services is not responsible for the conclusions, opinions and recommendations made by others based on the information we supply.



Job Information

Pole :	302523	Code: ANSI/TIA-222 Rev G	
Description :	150 ft Monopole		Struct Class : II
Client :	Verizon		Exposure : B
Location :	New Milford CT 2, CT		Topo : 1
Shape :	12 Sides	Base Elev (ft): 0.00	
Height :	150.00 (ft)	Taper: 0.156700(in/ft)	

Sections Properties

Shaft Section	Length (ft)	Diameter (in) Accross Flats Top	Bottom	Thick (in)	Joint Type	Overlap Length (in)	Taper (in/ft)	Steel Grade (ksi)
1	15.000	45.39	53.90	0.750		0.000	0.567000	38
2	40.000	39.10	45.60	0.688	Butt Joint	0.000	0.162500	40
3	20.000	36.13	39.40	0.625	Butt Joint	0.000	0.163330	36
4	10.000	34.49	36.13	0.500	Butt Joint	0.000	0.163333	40
5	25.000	21.25	25.23	0.250	Butt Joint	0.000	0.159200	65
6	40.000	15.00	21.25	0.188	Butt Joint	0.000	0.156250	65

Discrete Appurtenance

Attach Elev (ft)	Force Elev (ft)	Qty	Description
150.000	152.000	9	ADC DD1900
150.000	152.000	9	CSS DUO1417-8686
150.000	151.000	1	Round Low Profile Platform
140.000	140.000	1	Round Low Profile Platform
140.000	140.000	9	Decibel DB980H90E-M
133.000	133.000	4	Decibel DB950F85E-M
133.000	133.000	4	Antel LPA-80080/6CF
133.000	133.000	2	Decibel DB950F65E-M
133.000	133.000	2	Antel LPA-80063/6CF
133.000	133.000	1	Round Low Profile Platform
110.000	110.000	3	Round T-Arm
110.000	110.000	3	72" x 12" Panels
110.000	110.000	9	48" x 12" Panels
75.000	75.000	1	GPS
50.000	50.500	1	GPS

Linear Appurtenance

Elev (ft) From	To	Description	Exposed To Wind
85.000	110.0	1 5/8" Coax	Yes
85.000	133.0	1 5/8" Coax	Yes
79.000	85.000	Seam Flange	Yes
79.000	100.0	#20 Dywidag Bars	Yes
5.000	140.0	1 5/8" Coax	No
5.000	152.0	1 1/4" Coax	No
5.000	50.000	7/8" Coax	Yes
5.000	75.000	1/2" Coax	Yes
5.000	85.000	1 5/8" Coax	No
5.000	85.000	1 5/8" Coax	No

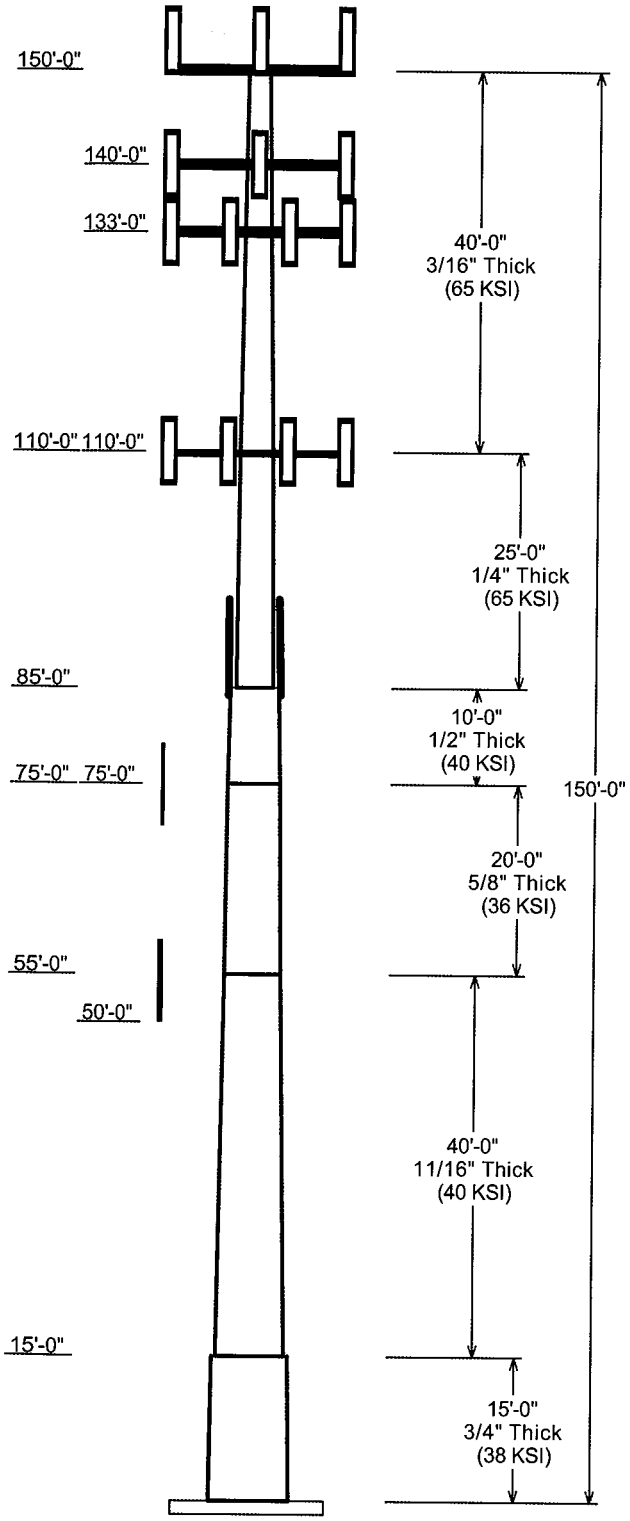
Load Cases

1.2D + 1.6W	95.00 mph with No Ice
0.9D + 1.6W	95.00 mph with No Ice (Reduced DL)
1.2D + 1.0Di + 1.0Wi	40.00 mph with 1.25 in Radial Ice
1.2D + 1.0E	Dead Load with Seismic
0.9D + 1.0E	Dead Load with Seismic (Reduced DL)

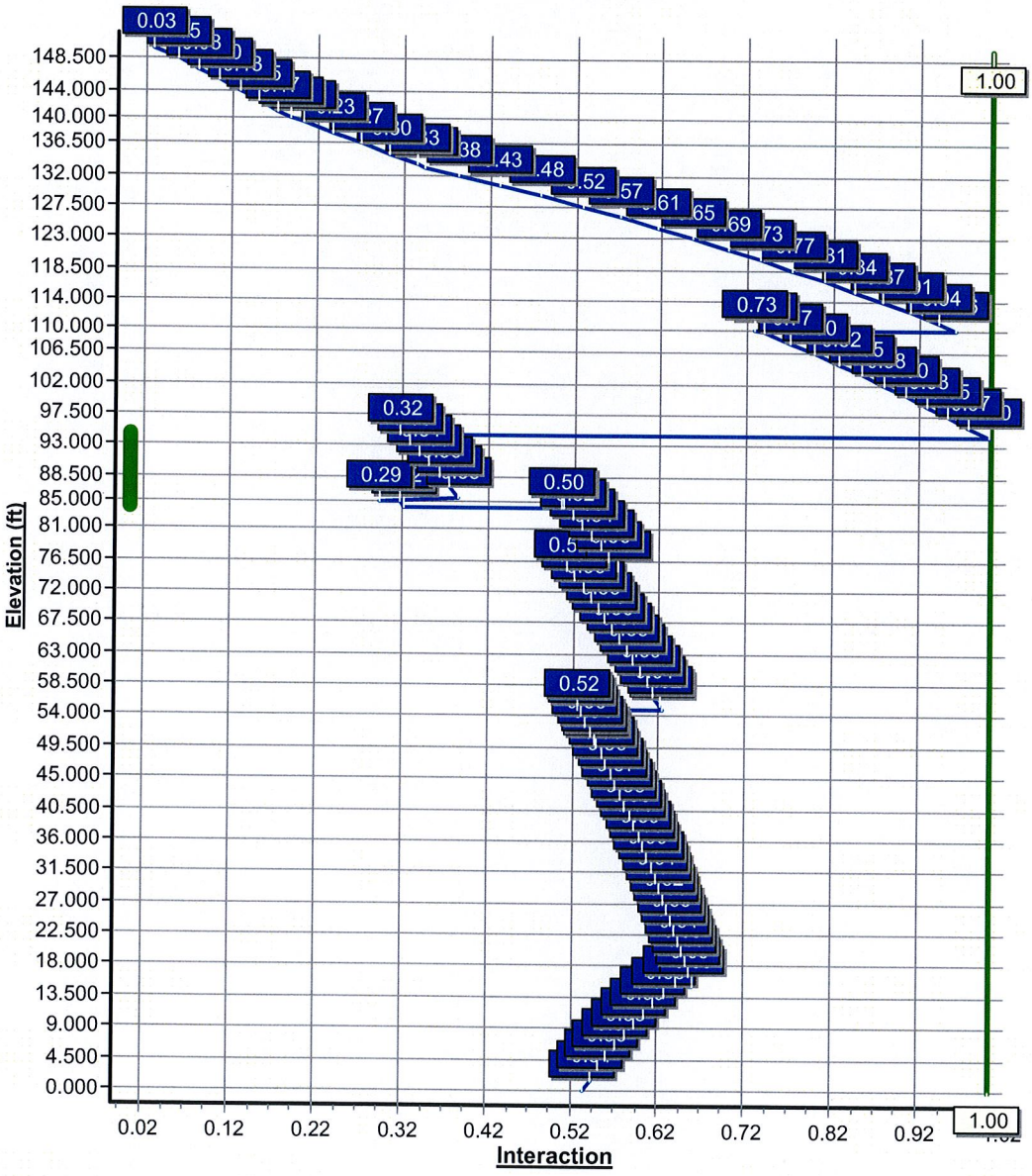
Reactions

Load Case	Moment (Kip-ft)	Shear (Kips)	Axial (Kips)

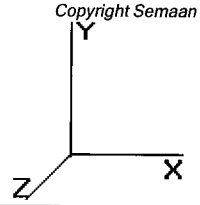
1.2D + 1.6W	2480.45	25.49	49.24
0.9D + 1.6W	2424.01	25.12	37.06
1.2D + 1.0Di + 1.0Wi	464.48	4.33	88.68
1.2D + 1.0E	611.01	7.14	49.25
0.9D + 1.0E	607.42	7.14	37.07



Load Case : 1.2D + 1.6W
Max Ratio 99.75% at 94.5ft



Pole : 302523	Code: ANSI/TIA-222 Rev G		
Location : New Milford CT 2, CT	Struct Class : II		6/29/2009 5:05:23 PM
Height : 150.0 (ft)	Exposure Category : B		Page: 1
Shape : 12 Sides	Topographic Category : 1		
Base Dia : 53.90 (in)			
Top Dia : 15.00 (in)			
Taper : 0.156700 (in/ft)	Base Elev : 0.000 (ft)		



Shaft Section Properties

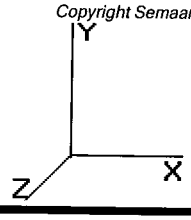
Sect Num	Length (ft)	Thick (in)	Fy (ksi)	Joint Type	Slip Joint Len (in)	Weight (lb)	Bottom Dia (in)	Bottom Elev (ft)	Bottom Area (sqin)	Bottom Ix (in^4)	Bottom W/t Ratio	Bottom D/t Ratio	Top Dia (in)	Top Elev (ft)	Top Area (sqin)	Top Ix (in^4)	Top W/t Ratio	Top D/t Ratio	Taper (in/ft)
1	15.000	0.7500	38		0.00	6,027	53.90	0.000	128.	46281.3	16.58	71.87	45.39	15.00	107.	27429.2	13.54	60.53	0.56700
2	40.000	0.6875	40	Butt Joint	0.00	12,554	45.60	15.00	99.42	25598.3	15.09	66.33	39.10	55.00	85.04	16014.9	12.56	56.87	0.16250
3	20.000	0.6250	36	Butt Joint	0.00	5,087	39.40	55.00	78.03	14975.0	14.21	63.04	36.13	75.00	71.46	11500.2	12.81	57.81	0.16333
4	10.000	0.5000	40	Butt Joint	0.00	1,907	36.13	75.00	57.37	9297.5	16.68	72.27	34.49	85.00	54.74	8076.7	15.81	69.00	0.16333
5	25.000	0.2500	65	Butt Joint	0.00	1,574	25.23	85.00	20.11	1601.6	24.36	100.9	21.25	110.0	16.90	951.6	20.10	85.00	0.15920
6	40.000	0.1875	65	Butt Joint	0.00	1,474	21.25	110.0	12.72	720.1	27.69	113.3	15.00	150.0	8.94	250.5	18.76	80.00	0.15625
				Shaft Weight		28,624													

Discrete Appurtenance Properties

Attach Elev (ft)	Description	Qty	No Ice Weight (lb)	No Ice CaAa (sf)	No Ice CaAa Factor	Ice Weight (lb)	Ice CaAa (sf)	Ice CaAa Factor	Distance From Face (ft)	Vert Ecc (ft)
150.0	ADC DD1900	9	12.10	1.280	0.50	82.92	1.904	0.50	0.000	2.000
150.0	CSS DUO1417-8686	9	20.30	6.590	0.67	338.39	7.633	0.67	0.000	2.000
150.0	Round Low Profile Platform	1	1500.00	21.700	1.00	2582.03	53.764	1.00	0.000	1.000
140.0	Round Low Profile Platform	1	1500.00	21.700	0.90	2574.58	53.543	0.90	0.000	0.000
140.0	Decibel DB980H90E-M	9	8.50	3.900	0.79	197.72	5.707	0.79	0.000	0.000
133.0	Decibel DB950F85E-M	4	12.00	4.240	0.74	222.33	6.049	0.74	0.000	0.000
133.0	Antel LPA-80080/6CF	4	21.00	9.100	0.61	383.66	10.882	0.61	0.000	0.000
133.0	Decibel DB950F65E-M	2	16.00	4.430	1.00	65.11	19.422	1.00	0.000	0.000
133.0	Antel LPA-80063/6CF	2	27.00	10.340	1.00	544.96	11.873	1.00	0.000	0.000
133.0	Round Low Profile Platform	1	1500.00	21.700	0.90	2569.10	53.380	0.90	0.000	0.000
110.0	Round T-Arm	3	250.00	9.700	0.67	588.38	23.048	0.67	0.000	0.000
110.0	72" x 12" Panels	3	45.00	8.400	0.67	393.61	10.313	0.67	0.000	0.000
110.0	48" x 12" Panels	9	30.00	5.600	0.67	274.92	6.726	0.67	0.000	0.000
75.00	GPS	1	10.00	1.000	1.00	31.71	2.086	1.00	0.000	0.000
50.00	GPS	1	10.00	1.000	1.00	77.88	1.189	1.00	0.000	0.500
	Totals	59	6261.10			8706.92			Number of Loadings :	15

Linear Appurtenance Properties

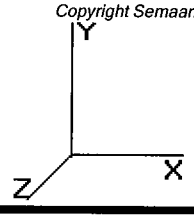
Elev From (ft)	Elev To (ft)	Description	Exposed Width (in)	Exposed To Wind
5.00	152.00	(9) 1 1/4" Coax	0.00	N
5.00	140.00	(9) 1 5/8" Coax	0.00	N
85.00	133.00	(12) 1 5/8" Coax	3.98	Y
85.00	110.00	(12) 1 5/8" Coax	3.98	Y
79.00	100.00	(4) #20 Dywidag Bars	6.00	Y
5.00	85.00	(12) 1 5/8" Coax	0.00	N
5.00	85.00	(12) 1 5/8" Coax	0.00	N
79.00	85.00	(1) Seam Flange	0.00	Y
5.00	75.00	(1) 1/2" Coax	0.00	Y
5.00	50.00	(1) 7/8" Coax	0.00	Y



Additional Steel

Elev From (ft)	Elev To (ft)	Qty	Description	Fv (ksi)	Offset (in)	Intermediate Connections — Description	Spacing (in)	Len (in)	Connectors	Continuation?
84.11	94.50	3	SOL #20 All Thread	80	6.75	6" Angle Bracket	30.0	3.31	5/8" A36 U-Bolt	

Pole :	302523	Code: ANSI/TIA-222 Rev G	
Location :	New Milford CT 2, CT	Struct Class : II	
Height :	150.0 (ft)	Exposure Category : B	
Shape :	12 Sides	Topographic Category : 1	
Base Dia :	53.90 (in)		
Top Dia :	15.00 (in)		
Taper :	0.156700 (in/ft)	Base Elev : 0.000 (ft)	

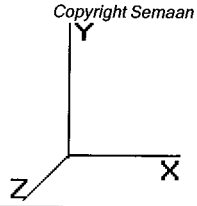


Segment Properties (Max Len : 1.ft)

Seg Top Elev (ft)	Description	Thick (in)	Flat Dia (in)	Area (in^2)	Ix (in^4)	W/t Ratio	D/t Ratio	F'y (ksi)	S (in3)	Weight (lb)	Additional Reinforcing Area (in^2)	Ix (in^4)	Weight (lb)
0.00		0.7500	53.900	128.357	46,281.3	16.58	71.87	38.4	1658.	0.0			
1.50		0.7500	53.049	126.303	44,094.9	16.27	70.73	38.4	1605.	649.9			
3.00		0.7500	52.199	124.249	41,978.4	15.97	69.60	38.4	1553.	639.4			
4.50		0.7500	51.348	122.195	39,930.8	15.67	68.46	38.4	1502.	628.9			
6.00		0.7500	50.498	120.141	37,950.9	15.36	67.33	38.4	1451.	618.5			
7.50		0.7500	49.647	118.087	36,037.5	15.06	66.20	38.4	1402.	608.0			
9.00		0.7500	48.797	116.033	34,189.6	14.75	65.06	38.4	1353.	597.5			
10.50		0.7500	47.946	113.979	32,405.9	14.45	63.93	38.4	1305.	587.0			
12.00		0.7500	47.096	111.925	30,685.4	14.15	62.79	38.4	1258.	576.5			
13.50		0.7500	46.245	109.871	29,026.8	13.84	61.66	38.4	1212.	566.0			
15.00	Top - Section 1	0.7500	45.395	107.817	27,429.2	13.54	60.53	38.4	1167.	555.6			
15.00	Bot - Section 2	0.6875	45.600	99.425	25,598.3	15.09	66.33	40.1	1084.				
16.50		0.6875	45.356	98.885	25,183.7	15.00	65.97	40.1	1072.	506.1			
18.00		0.6875	45.112	98.345	24,773.7	14.90	65.62	40.1	1060.	503.3			
19.50		0.6875	44.869	97.806	24,368.2	14.81	65.26	40.1	1049.	500.6			
21.00		0.6875	44.625	97.266	23,967.1	14.71	64.91	40.1	1037.	497.8			
22.50		0.6875	44.381	96.727	23,570.4	14.62	64.55	40.1	1026.	495.1			
24.00		0.6875	44.137	96.187	23,178.1	14.52	64.20	40.1	1014.	492.3			
25.50		0.6875	43.894	95.647	22,790.2	14.43	63.85	40.1	1003.	489.6			
27.00		0.6875	43.650	95.108	22,406.7	14.33	63.49	40.1	991.7	486.8			
28.50		0.6875	43.406	94.568	22,027.4	14.24	63.14	40.1	980.4	484.1			
30.00		0.6875	43.162	94.029	21,652.5	14.14	62.78	40.1	969.1	481.3			
31.50		0.6875	42.919	93.489	21,281.9	14.05	62.43	40.1	957.9	478.6			
33.00		0.6875	42.675	92.949	20,915.5	13.95	62.07	40.1	946.8	475.8			
34.50		0.6875	42.431	92.410	20,553.4	13.86	61.72	40.1	935.8	473.1			
36.00		0.6875	42.187	91.870	20,195.4	13.76	61.36	40.1	924.8	470.3			
37.50		0.6875	41.944	91.331	19,841.6	13.67	61.01	40.1	913.9	467.5			
39.00		0.6875	41.700	90.791	19,492.0	13.57	60.65	40.1	903.0	464.8			
40.50		0.6875	41.456	90.251	19,146.5	13.48	60.30	40.1	892.2	462.0			
42.00		0.6875	41.212	89.712	18,805.2	13.38	59.95	40.1	881.5	459.3			
43.50		0.6875	40.969	89.172	18,467.9	13.29	59.59	40.1	870.8	456.5			
45.00		0.6875	40.725	88.633	18,134.6	13.19	59.24	40.1	860.2	453.8			
46.50		0.6875	40.481	88.093	17,805.4	13.10	58.88	40.1	849.7	451.0			
48.00		0.6875	40.237	87.553	17,480.2	13.00	58.53	40.1	839.3	448.3			
49.50		0.6875	39.994	87.014	17,159.0	12.91	58.17	40.1	828.9	445.5			
50.00		0.6875	39.912	86.834	17,052.8	12.88	58.05	40.1	825.4	147.9			
51.00		0.6875	39.750	86.474	16,841.8	12.81	57.82	40.1	818.5	294.9			
52.50		0.6875	39.506	85.935	16,528.5	12.72	57.46	40.1	808.2	440.0			
54.00		0.6875	39.262	85.395	16,219.1	12.62	57.11	40.1	798.0	437.2			
55.00	Top - Section 2	0.6875	39.100	85.035	16,014.9	12.56	56.87	40.1	791.3	290.0			
55.00	Bot - Section 3	0.6250	39.400	78.034	14,975.0	14.21	63.04	36.4	734.3				
55.50		0.6250	39.318	77.870	14,880.6	14.18	62.91	36.4	731.1	132.6			
57.00		0.6250	39.073	77.377	14,599.7	14.07	62.52	36.4	721.8	396.2			
58.50		0.6250	38.828	76.884	14,322.4	13.97	62.12	36.4	712.6	393.7			
60.00		0.6250	38.583	76.391	14,048.6	13.86	61.73	36.4	703.4	391.2			
61.50		0.6250	38.338	75.898	13,778.3	13.76	61.34	36.4	694.3	388.7			
63.00		0.6250	38.093	75.404	13,511.6	13.65	60.95	36.4	685.2	386.1			
64.50		0.6250	37.848	74.911	13,248.2	13.55	60.56	36.4	676.2	383.6			
66.00		0.6250	37.603	74.418	12,988.4	13.44	60.16	36.4	667.3	381.1			
67.50		0.6250	37.358	73.925	12,731.9	13.34	59.77	36.4	658.4	378.6			
69.00		0.6250	37.113	73.432	12,478.9	13.23	59.38	36.4	649.6	376.1			
70.50		0.6250	36.868	72.939	12,229.2	13.13	58.99	36.4	640.8	373.6			
72.00		0.6250	36.623	72.446	11,982.9	13.02	58.60	36.4	632.1	371.0			
73.50		0.6250	36.378	71.953	11,739.9	12.92	58.20	36.4	623.4	368.5			
75.00	Top - Section 3	0.6250	36.133	71.460	11,500.2	12.81	57.81	36.4	614.9	366.0			
75.00	Bot - Section 4	0.5000	36.133	57.369	9,297.5	16.68	72.27	40.4	497.1				
76.50		0.5000	35.888	56.975	9,107.0	16.55	71.78	40.4	490.2	291.8			
78.00		0.5000	35.643	56.580	8,919.2	16.42	71.29	40.4	483.4	289.8			

Pole : 302523
Location : New Milford CT 2, CT
Height : 150.0 (ft)
Shape : 12 Sides
Base Dia : 53.90 (in)
Top Dia : 15.00 (in)
Taper : 0.156700 (in/ft)

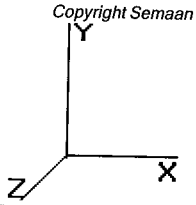
Code: ANSI/TIA-222 Rev G
Struct Class : II
Exposure Category : B
Topographic Category : 1
Base Elev : 0.000 (ft)



79.50		0.5000	35.398	56.186	8,733.9	16.29	70.80	40.4	476.7	287.8			
81.00		0.5000	35.153	55.791	8,551.3	16.16	70.31	40.4	469.9	285.8			
82.50		0.5000	34.908	55.397	8,371.2	16.03	69.82	40.4	463.3	283.8			
84.00		0.5000	34.663	55.002	8,193.6	15.90	69.33	40.4	456.7	281.7			
84.11	Reinf Bottom	0.5000	34.645	54.973	8,180.7	15.89	69.29	40.4	456.2	20.6			
85.00	Top - Section 4	0.5000	34.500	54.739	8,076.7	15.81	69.00	40.4	452.3	166.1	14.73	4,701	44.6
85.00	Bot - Section 5	0.2500	25.230	20.109	1,601.6	24.36	100.92	65.0	122.6		14.73	4,701	
85.50		0.2500	25.150	20.045	1,586.3	24.28	100.60	65.0	121.9	34.2	14.73	3,123	25.0
87.00		0.2500	24.912	19.853	1,541.1	24.02	99.65	65.0	119.5	101.8	14.73	3,087	75.1
88.50		0.2500	24.673	19.660	1,496.8	23.76	98.69	65.0	117.2	100.8	14.73	3,051	75.1
90.00		0.2500	24.434	19.468	1,453.3	23.51	97.74	65.0	114.9	99.9	14.73	3,016	75.1
91.50		0.2500	24.195	19.276	1,410.7	23.25	96.78	65.0	112.6	98.9	14.73	2,980	75.1
93.00		0.2500	23.956	19.084	1,368.9	23.00	95.83	65.0	110.4	97.9	14.73	2,945	75.1
94.50	Reinf. Top	0.2500	23.718	18.891	1,328.0	22.74	94.87	65.0	108.2	96.9	14.73	2,910	75.1
96.00		0.2500	23.479	18.699	1,287.8	22.48	93.91	65.0	106.0	95.9			
97.50		0.2500	23.240	18.507	1,248.5	22.23	92.96	65.0	103.8	95.0			
99.00		0.2500	23.001	18.315	1,210.0	21.97	92.00	65.0	101.6	94.0			
100.5		0.2500	22.762	18.122	1,172.3	21.72	91.05	65.0	99.5	93.0			
102.0		0.2500	22.524	17.930	1,135.4	21.46	90.09	65.0	97.4	92.0			
103.5		0.2500	22.285	17.738	1,099.3	21.21	89.14	65.0	95.3	91.0			
105.0		0.2500	22.046	17.546	1,063.9	20.95	88.18	65.0	93.2	90.0			
106.5		0.2500	21.807	17.353	1,029.3	20.69	87.23	65.0	91.2	89.1			
108.0		0.2500	21.568	17.161	995.5	20.44	86.27	65.0	89.2	88.1			
109.5		0.2500	21.330	16.969	962.4	20.18	85.32	65.0	87.2	87.1			
110.0	Top - Section 5	0.2500	21.250	16.905	951.6	20.10	85.00	65.0	86.5	28.8			
110.0	Bot - Section 6	0.1875	21.250	12.716	720.1	27.69	113.33	65.0	65.5				
111.0		0.1875	21.094	12.622	704.2	27.46	112.50	65.0	64.5	43.1			
112.5		0.1875	20.859	12.481	680.7	27.13	111.25	65.0	63.0	64.1			
114.0		0.1875	20.625	12.339	657.8	26.79	110.00	65.0	61.6	63.3			
115.5		0.1875	20.391	12.198	635.5	26.46	108.75	65.0	60.2	62.6			
117.0		0.1875	20.156	12.056	613.6	26.13	107.50	65.0	58.8	61.9			
118.5		0.1875	19.922	11.915	592.3	25.79	106.25	65.0	57.4	61.2			
120.0		0.1875	19.688	11.773	571.4	25.46	105.00	65.0	56.1	60.5			
121.5		0.1875	19.453	11.632	551.1	25.12	103.75	65.0	54.7	59.7			
123.0		0.1875	19.219	11.490	531.2	24.79	102.50	65.0	53.4	59.0			
124.5		0.1875	18.984	11.349	511.8	24.45	101.25	65.0	52.1	58.3			
126.0		0.1875	18.750	11.207	492.9	24.12	100.00	65.0	50.8	57.6			
127.5		0.1875	18.516	11.066	474.5	23.78	98.75	65.0	49.5	56.8			
129.0		0.1875	18.281	10.924	456.5	23.45	97.50	65.0	48.2	56.1			
130.5		0.1875	18.047	10.783	439.0	23.11	96.25	65.0	47.0	55.4			
132.0		0.1875	17.813	10.641	421.9	22.78	95.00	65.0	45.8	54.7			
133.0		0.1875	17.656	10.547	410.8	22.55	94.17	65.0	44.9	36.0			
133.5		0.1875	17.578	10.500	405.3	22.44	93.75	65.0	44.5	17.9			
135.0		0.1875	17.344	10.358	389.1	22.11	92.50	65.0	43.3	53.2			
136.5		0.1875	17.109	10.217	373.4	21.77	91.25	65.0	42.2	52.5			
138.0		0.1875	16.875	10.075	358.1	21.44	90.00	65.0	41.0	51.8			
139.5		0.1875	16.641	9.934	343.2	21.10	88.75	65.0	39.8	51.1			
140.0		0.1875	16.563	9.886	338.4	20.99	88.33	65.0	39.5	16.9			
141.0		0.1875	16.406	9.792	328.8	20.77	87.50	65.0	38.7	33.5			
142.5		0.1875	16.172	9.651	314.7	20.43	86.25	65.0	37.6	49.6			
144.0		0.1875	15.938	9.509	301.1	20.10	85.00	65.0	36.5	48.9			
145.5		0.1875	15.703	9.368	287.8	19.76	83.75	65.0	35.4	48.2			
147.0		0.1875	15.469	9.226	275.0	19.43	82.50	65.0	34.3	47.5			
148.5		0.1875	15.234	9.085	262.5	19.09	81.25	65.0	33.3	46.7			
150.0		0.1875	15.000	8.943	250.5	18.76	80.00	65.0	32.3	46.0			
										28,623.6			520.5

Pole : 302523
Location : New Milford CT 2, CT
Height : 150.0 (ft)
Shape : 12 Sides
Base Dia : 53.90 (in)
Top Dia : 15.00 (in)
Taper : 0.156700 (in/ft)

Code: ANSI/TIA-222 Rev G
Struct Class : II
Exposure Category : B
Topographic Category : 1
Base Elev : 0.000 (ft)



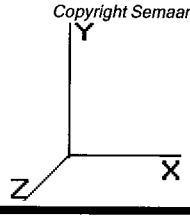
Load Case: 1.2D + 1.6W — 95.00 mph with No Ice — 28 Iterations

Gust Response Factor : 1.10
Dead Load Factor : 1.20
Wind Load Factor : 1.60
Wind Importance Factor : 1.00

Shaft Segment Forces (Factored)

Seg Top Elev (ft)	Description	Kzt	Kz	qz (psf)	qzGh (psf)	C (mph-ft)	Cf	Ice Thick (in)	Tributary (ft)	Aa (sf)	CfAa (sf)	Wind Force X (lb)	Dead Load Ice (lb)	Tot Dead Load (lb)
0.00		1.00	0.70	15.364	16.90	369.60	1.000	0.00	0.00	0.000	0.00	0.0	0.0	0.0
1.50		1.00	0.70	15.364	16.90	363.77	1.000	0.00	1.50	6.920	6.92	187.1	0.0	779.9
3.00		1.00	0.70	15.364	16.90	357.93	1.000	0.00	1.50	6.810	6.81	184.1	0.0	767.3
4.50		1.00	0.70	15.364	16.90	352.10	1.000	0.00	1.50	6.700	6.70	181.2	0.0	754.7
6.00		1.00	0.70	15.364	16.90	346.27	1.000	0.00	1.50	6.590	6.59	178.2	0.0	742.2
7.50		1.00	0.70	15.364	16.90	340.44	1.000	0.00	1.50	6.480	6.48	175.2	0.0	729.6
9.00		1.00	0.70	15.364	16.90	334.60	1.000	0.00	1.50	6.370	6.37	172.2	0.0	717.0
10.50		1.00	0.70	15.364	16.90	328.77	1.000	0.00	1.50	6.260	6.26	169.3	0.0	704.4
12.00		1.00	0.70	15.364	16.90	322.94	1.000	0.00	1.50	6.150	6.15	166.3	0.0	691.8
13.50		1.00	0.70	15.364	16.90	317.11	1.000	0.00	1.50	6.040	6.04	163.3	0.0	679.2
15.00	Top - Section 1	1.00	0.70	15.364	16.90	311.28	1.000	0.00	1.50	5.930	5.93	160.3	0.0	666.7
16.50		1.00	0.70	15.364	16.90	311.01	1.000	0.00	1.50	5.885	5.89	159.1	0.0	607.3
18.00		1.00	0.70	15.364	16.90	309.34	1.000	0.00	1.50	5.854	5.85	158.3	0.0	604.0
19.50		1.00	0.70	15.364	16.90	307.67	1.000	0.00	1.50	5.822	5.82	157.4	0.0	600.7
21.00		1.00	0.70	15.364	16.90	306.00	1.000	0.00	1.50	5.791	5.79	156.6	0.0	597.4
22.50		1.00	0.70	15.364	16.90	304.33	1.000	0.00	1.50	5.759	5.76	155.7	0.0	594.1
24.00		1.00	0.70	15.364	16.90	302.65	1.000	0.00	1.50	5.728	5.73	154.9	0.0	590.8
25.50		1.00	0.70	15.364	16.90	300.98	1.000	0.00	1.50	5.696	5.70	154.0	0.0	587.5
27.00		1.00	0.70	15.364	16.90	299.31	1.000	0.00	1.50	5.664	5.66	153.2	0.0	584.2
28.50		1.00	0.70	15.364	16.90	297.64	1.000	0.00	1.50	5.633	5.63	152.3	0.0	580.9
30.00		1.00	0.70	15.377	16.91	296.09	1.000	0.00	1.50	5.601	5.60	151.6	0.0	577.6
31.50		1.00	0.71	15.593	17.15	296.48	1.000	0.00	1.50	5.570	5.57	152.9	0.0	574.3
33.00		1.00	0.72	15.802	17.38	296.76	1.000	0.00	1.50	5.538	5.54	154.0	0.0	571.0
34.50		1.00	0.72	16.004	17.60	296.95	1.000	0.00	1.50	5.507	5.51	155.1	0.0	567.7
36.00		1.00	0.73	16.199	17.81	297.04	1.000	0.00	1.50	5.475	5.48	156.1	0.0	564.4
37.50		1.00	0.74	16.389	18.02	297.05	1.000	0.00	1.50	5.444	5.44	157.0	0.0	561.1
39.00		1.00	0.75	16.574	18.23	296.99	1.000	0.00	1.50	5.412	5.41	157.9	0.0	557.7
40.50		1.00	0.76	16.754	18.42	296.85	1.000	0.00	1.50	5.381	5.38	158.7	0.0	554.4
42.00		1.00	0.77	16.929	18.62	296.64	1.000	0.00	1.50	5.349	5.35	159.4	0.0	551.1
43.50		1.00	0.77	17.099	18.80	296.37	1.000	0.00	1.50	5.317	5.32	160.0	0.0	547.8
45.00		1.00	0.78	17.266	18.99	296.03	1.000	0.00	1.50	5.286	5.29	160.6	0.0	544.5
46.50		1.00	0.79	17.428	19.17	295.64	1.000	0.00	1.50	5.254	5.25	161.2	0.0	541.2
48.00		1.00	0.80	17.587	19.34	295.20	1.000	0.00	1.50	5.223	5.22	161.7	0.0	537.9
49.50		1.00	0.80	17.742	19.51	294.70	1.000	0.00	1.50	5.191	5.19	162.1	0.0	534.6
50.00	Appertunance(s)	1.00	0.81	17.793	19.57	294.53	1.000	0.00	0.50	1.723	1.72	54.0	0.0	177.5
51.00		1.00	0.81	17.894	19.68	294.16	1.000	0.00	1.00	3.436	3.44	108.2	0.0	353.8
52.50		1.00	0.82	18.043	19.84	293.57	1.000	0.00	1.50	5.128	5.13	162.9	0.0	528.0
54.00		1.00	0.82	18.189	20.00	292.93	1.000	0.00	1.50	5.097	5.10	163.2	0.0	524.7
55.00	Top - Section 2	1.00	0.83	18.285	20.11	292.49	1.000	0.00	1.00	3.380	3.38	108.8	0.0	348.0
55.50		1.00	0.83	18.332	20.16	294.50	1.000	0.00	0.50	1.698	1.70	54.8	0.0	159.2
57.00		1.00	0.84	18.472	20.31	293.78	1.000	0.00	1.50	5.072	5.07	164.9	0.0	475.4
58.50		1.00	0.84	18.610	20.47	293.02	1.000	0.00	1.50	5.041	5.04	165.1	0.0	472.4
60.00		1.00	0.85	18.745	20.61	292.23	1.000	0.00	1.50	5.009	5.01	165.2	0.0	469.4
61.50		1.00	0.86	18.878	20.76	291.40	1.000	0.00	1.50	4.977	4.98	165.4	0.0	466.4
63.00		1.00	0.86	19.008	20.90	290.54	1.000	0.00	1.50	4.945	4.95	165.4	0.0	463.4
64.50		1.00	0.87	19.136	21.05	289.64	1.000	0.00	1.50	4.914	4.91	165.5	0.0	460.3
66.00		1.00	0.87	19.262	21.18	288.71	1.000	0.00	1.50	4.882	4.88	165.5	0.0	457.3
67.50		1.00	0.88	19.386	21.32	287.75	1.000	0.00	1.50	4.850	4.85	165.5	0.0	454.3
69.00		1.00	0.88	19.509	21.45	286.77	1.000	0.00	1.50	4.819	4.82	165.4	0.0	451.3
70.50		1.00	0.89	19.629	21.59	285.75	1.000	0.00	1.50	4.787	4.79	165.4	0.0	448.3
72.00		1.00	0.90	19.747	21.72	284.70	1.000	0.00	1.50	4.755	4.76	165.3	0.0	445.2

Pole :	302523	Code: ANSI/TIA-222 Rev G	
Location :	New Milford CT 2, CT	Struct Class : II	
Height :	150.0 (ft)	Exposure Category : B	
Shape :	12 Sides	Topographic Category : 1	
Base Dia :	53.90 (in)		
Top Dia :	15.00 (in)		
Taper :	0.156700 (in/ft)	Base Elev : 0.000 (ft)	



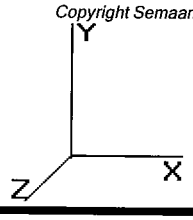
Load Case: 1.2D + 1.6W — 95.00 mph with No Ice — 28 Iterations

Gust Response Factor : 1.10
Dead Load Factor : 1.20
Wind Load Factor : 1.60

Wind Importance Factor : 1.00

73.50		1.00	0.90	19.864	21.85	283.63	1.000	0.00	1.50	4.724	4.72	165.1	0.0	442.2
75.00	Top - Section 3	1.00	0.91	19.979	21.97	282.54	1.000	0.00	1.50	4.692	4.69	165.0	0.0	439.2
76.50		1.00	0.91	20.092	22.10	281.42	1.000	0.00	1.50	4.660	4.66	164.8	0.0	350.2
78.00		1.00	0.92	20.204	22.22	280.27	1.000	0.00	1.50	4.628	4.63	164.6	0.0	347.8
79.50		1.00	0.92	20.314	22.34	279.10	1.000	0.00	1.50	4.597	4.60	164.3	0.0	345.3
81.00		1.00	0.93	20.423	22.46	277.91	1.193 *	0.00	1.50	4.565	5.45	195.7	0.0	342.9
82.50		1.00	0.93	20.530	22.58	276.70	1.196 *	0.00	1.50	4.533	5.42	196.0	0.0	340.5
84.00		1.00	0.94	20.636	22.70	275.47	1.200 *	0.00	1.50	4.502	5.40	196.2	0.0	338.1
84.11	Reinf Bottom	1.00	0.94	20.644	22.70	275.38	1.202 *	0.00	0.11	0.329	0.39	14.3	0.0	24.7
85.00	Top - Section 4	1.00	0.94	20.706	22.77	274.63	1.203 *	0.00	0.89	2.655	3.19	116.4	0.0	244.0
85.50		1.00	0.94	20.741	22.81	200.37	1.200 *	0.00	0.50	1.087	1.30	47.6	0.0	66.0
87.00		1.00	0.95	20.844	22.92	198.97	1.200 *	0.00	1.50	3.239	3.89	142.6	0.0	197.3
88.50		1.00	0.95	20.946	23.04	197.54	1.200 *	0.00	1.50	3.208	3.85	141.9	0.0	196.2
90.00		1.00	0.95	21.047	23.15	196.10	1.200 *	0.00	1.50	3.177	3.81	141.2	0.0	195.0
91.50		1.00	0.96	21.147	23.26	194.64	1.200 *	0.00	1.50	3.147	3.78	140.5	0.0	193.8
93.00		1.00	0.96	21.245	23.37	193.17	1.200 *	0.00	1.50	3.116	3.74	139.8	0.0	192.6
94.50	Reinf. Top	1.00	0.97	21.343	23.47	191.68	1.200 *	0.00	1.50	3.085	3.70	139.0	0.0	191.4
96.00		1.00	0.97	21.439	23.58	190.18	1.200 *	0.00	1.50	3.054	3.66	138.3	0.0	115.1
97.50		1.00	0.98	21.534	23.68	188.66	1.200 *	0.00	1.50	3.023	3.63	137.5	0.0	113.9
99.00		1.00	0.98	21.628	23.79	187.13	1.200 *	0.00	1.50	2.992	3.59	136.7	0.0	112.8
100.5		1.00	0.99	21.721	23.89	185.59	1.200 *	0.00	1.50	2.961	3.55	135.8	0.0	111.6
102.0		1.00	0.99	21.814	23.99	184.03	1.200 *	0.00	1.50	2.930	3.52	135.0	0.0	110.4
103.5		1.00	0.99	21.905	24.09	182.46	1.200 *	0.00	1.50	2.899	3.48	134.1	0.0	109.2
105.0		1.00	1.00	21.995	24.19	180.87	1.200 *	0.00	1.50	2.868	3.44	133.2	0.0	108.1
106.5		1.00	1.00	22.084	24.29	179.28	1.200 *	0.00	1.50	2.837	3.40	132.3	0.0	106.9
108.0		1.00	1.01	22.173	24.39	177.67	1.200 *	0.00	1.50	2.807	3.37	131.4	0.0	105.7
109.5		1.00	1.01	22.260	24.48	176.05	1.200 *	0.00	1.50	2.776	3.33	130.5	0.0	104.5
110.0	Top - Section 5	1.00	1.01	22.289	24.51	175.50	1.200 *	0.00	0.50	0.918	1.10	43.2	0.0	34.6
111.0		1.00	1.01	22.347	24.58	174.44	1.245 *	0.00	1.00	1.827	2.27	89.4	0.0	51.7
112.5		1.00	1.02	22.433	24.67	172.83	1.250 *	0.00	1.50	2.715	3.39	133.9	0.0	76.9
114.0		1.00	1.02	22.518	24.77	171.21	1.256 *	0.00	1.50	2.684	3.37	133.6	0.0	76.0
115.5		1.00	1.03	22.602	24.86	169.58	1.262 *	0.00	1.50	2.654	3.35	133.3	0.0	75.1
117.0		1.00	1.03	22.686	24.95	167.94	1.269 *	0.00	1.50	2.624	3.33	132.9	0.0	74.3
118.5		1.00	1.03	22.768	25.04	166.29	1.276 *	0.00	1.50	2.593	3.31	132.6	0.0	73.4
120.0		1.00	1.04	22.850	25.13	164.63	1.282 *	0.00	1.50	2.563	3.29	132.2	0.0	72.5
121.5		1.00	1.04	22.932	25.22	162.96	1.289 *	0.00	1.50	2.533	3.27	131.8	0.0	71.7
123.0		1.00	1.04	23.012	25.31	161.28	1.296 *	0.00	1.50	2.502	3.24	131.4	0.0	70.8
124.5		1.00	1.05	23.092	25.40	159.59	1.200 *	0.00	1.50	2.472	2.97	120.6	0.0	69.9
126.0		1.00	1.05	23.171	25.48	157.89	1.200 *	0.00	1.50	2.442	2.93	119.5	0.0	69.1
127.5		1.00	1.05	23.250	25.57	156.18	1.200 *	0.00	1.50	2.411	2.89	118.4	0.0	68.2
129.0		1.00	1.06	23.327	25.66	154.46	1.200 *	0.00	1.50	2.381	2.86	117.3	0.0	67.3
130.5		1.00	1.06	23.405	25.74	152.73	1.200 *	0.00	1.50	2.351	2.82	116.2	0.0	66.5
132.0		1.00	1.07	23.481	25.82	151.00	1.200 *	0.00	1.50	2.320	2.78	115.1	0.0	65.6
133.0	Appertunance(s)	1.00	1.07	23.532	25.88	149.83	1.200 *	0.00	1.00	1.530	1.84	76.0	0.0	43.3
133.5		1.00	1.07	23.557	25.91	149.25	1.000	0.00	0.50	0.760	0.76	31.5	0.0	21.5
135.0		1.00	1.07	23.632	25.99	147.49	1.000	0.00	1.50	2.260	2.26	94.0	0.0	63.9
136.5		1.00	1.08	23.707	26.07	145.73	1.000	0.00	1.50	2.229	2.23	93.0	0.0	63.0
138.0		1.00	1.08	23.781	26.15	143.96	1.000	0.00	1.50	2.199	2.20	92.0	0.0	62.1
139.5		1.00	1.08	23.855	26.24	142.18	1.000	0.00	1.50	2.169	2.17	91.0	0.0	61.3
140.0	Appertunance(s)	1.00	1.08	23.879	26.26	141.58	1.000	0.00	0.50	0.716	0.72	30.1	0.0	20.2
141.0		1.00	1.09	23.928	26.32	140.39	1.000	0.00	1.00	1.422	1.42	59.9	0.0	40.2
142.5		1.00	1.09	24.000	26.40	138.60	1.000	0.00	1.50	2.108	2.11	89.0	0.0	59.5
144.0		1.00	1.09	24.072	26.47	136.79	1.000	0.00	1.50	2.078	2.08	88.0	0.0	58.7
145.5		1.00	1.10	24.144	26.55	134.98	1.000	0.00	1.50	2.047	2.05	87.0	0.0	57.8
147.0		1.00	1.10	24.214	26.63	133.16	1.000	0.00	1.50	2.017	2.02	86.0	0.0	56.9
148.5		1.00	1.10	24.285	26.71	131.33	1.000	0.00	1.50	1.987	1.99	84.9	0.0	56.1
150.0	Appertunance(s)	1.00	1.11	24.355	26.79	129.50	1.000	0.00	1.50	1.956	1.96	83.9	0.0	55.2

Pole :	302523	Code: ANSI/TIA-222 Rev G	
Location :	New Milford CT 2, CT	Struct Class : II	
Height :	150.0 (ft)	Exposure Category : B	
Shape :	12 Sides	Topographic Category : 1	
Base Dia :	53.90 (in)		
Top Dia :	15.00 (in)		
Taper :	0.156700 (in/ft)	Base Elev : 0.000 (ft)	



Load Case: 1.2D + 1.6W — 95.00 mph with No Ice — 28 Iterations

Gust Response Factor : 1.10
Dead Load Factor : 1.20
Wind Load Factor : 1.60

Wind Importance Factor : 1.00

* = Cf Adjusted By Linear Load Ra Effect

Totals:	150.00	14,585.4	0.0	34,868.9

Pole :	302523	Code: ANSI/TIA-222 Rev G	
Location :	New Milford CT 2, CT	Struct Class : II	
Height :	150.0 (ft)	Exposure Category : B	
Shape :	12 Sides	Topographic Category : 1	
Base Dia :	53.90 (in)		
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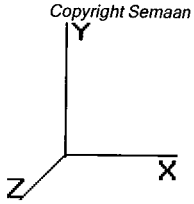


Load Case: 1.2D + 1.6W — 95.00 mph with No Ice — 28 Iterations

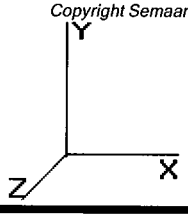
Gust Response Factor : 1.10
Dead Load Factor : 1.20
Wind Load Factor : 1.60

Wind Importance Factor : 1.00

Discrete Appurtenance Segment Forces (Factored)

Elev (ft)	Description	Qty	qz (psf)	qzGh (psf)	CaAa Factor	Ka	Total CaAa (sf)	Horiz Ecc (ft)	Vert Ecc (ft)	Wind FX (lb)	Mom Y (lb-ft)	Mom Z (lb-ft)	Dead Load (lb)
50.00	GPS	1	17.844	19.629	1.00	1.00	1.00	0.000	0.500	31.41	0.00	15.70	12.00
75.00	GPS	1	19.979	21.977	1.00	1.00	1.00	0.000	0.000	35.16	0.00	0.00	12.00
110.0	Round T-Arm	3	22.289	24.518	0.50	0.75	14.62	0.000	0.000	573.63	0.00	0.00	900.00
110.0	72" x 12" Panels	3	22.289	24.518	0.54	0.80	13.51	0.000	0.000	529.88	0.00	0.00	162.00
110.0	48" x 12" Panels	9	22.289	24.518	0.54	0.80	27.01	0.000	0.000	1,059.75	0.00	0.00	324.00
133.0	Decibel DB950F85E-M	4	23.532	25.885	0.59	0.80	10.04	0.000	0.000	415.83	0.00	0.00	57.60
133.0	Antel LPA-80080/6CF	4	23.532	25.885	0.49	0.80	17.76	0.000	0.000	735.68	0.00	0.00	100.80
133.0	Decibel DB950F65E-M	2	23.532	25.885	0.80	0.80	7.09	0.000	0.000	293.56	0.00	0.00	38.40
133.0	Antel LPA-80063/6CF	2	23.532	25.885	0.80	0.80	16.54	0.000	0.000	685.19	0.00	0.00	64.80
133.0	Round Low Profile Pl	1	23.532	25.885	0.90	1.00	19.53	0.000	0.000	808.85	0.00	0.00	1,800.00
140.0	Round Low Profile Pl	1	23.879	26.267	0.90	1.00	19.53	0.000	0.000	820.79	0.00	0.00	1,800.00
140.0	Decibel DB980H90E-M	9	23.879	26.267	0.63	0.80	22.18	0.000	0.000	932.30	0.00	0.00	91.80
150.0	ADC DD1900	9	24.447	26.892	0.40	0.80	4.61	0.000	2.000	198.27	0.00	396.53	130.68
150.0	CSS DUO1417-8686	9	24.447	26.892	0.54	0.80	31.79	0.000	2.000	1,367.82	0.00	2,735.65	219.24
150.0	Round Low Profile Pl	1	24.401	26.841	1.00	1.00	21.70	0.000	1.000	931.91	0.00	931.91	1,800.00
										9,420.03			7,513.32

Pole :	302523	Code: ANSI/TIA-222 Rev G	
Location :	New Milford CT 2, CT	Struct Class : II	
Height :	150.0 (ft)	Exposure Category : B	
Shape :	12 Sides	Topographic Category : 1	
Base Dia :	53.90 (in)		
Top Dia :	15.00 (in)		
Taper :	0.156700 (in/ft)	Base Elev : 0.000 (ft)	



Load Case: 1.2D + 1.6W — 95.00 mph with No Ice — 28 Iterations

Gust Response Factor : 1.10
Dead Load Factor : 1.20
Wind Load Factor : 1.60

Wind Importance Factor : 1.00

Linear Appurtenance Segment Forces (Factored)

Seg Top Elev (ft)	Description	Exposed To Wind	Length (ft)	Ca	Exposed Width (in)	Area (sqft)	CaAa (sqft)	qz (psf)	Ra	Cf Adjust Factor	F X (lb)	Dead Load (lb)
6.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	15.364	0.000	0.000	0.00	0.18
6.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	15.364	0.000	0.000	0.00	0.40
7.50	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	15.364	0.000	0.000	0.00	0.27
7.50	(1) 7/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	15.364	0.000	0.000	0.00	0.59
9.00	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	15.364	0.000	0.000	0.00	0.27
9.00	(1) 7/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	15.364	0.000	0.000	0.00	0.59
10.50	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	15.364	0.000	0.000	0.00	0.27
10.50	(1) 7/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	15.364	0.000	0.000	0.00	0.59
12.00	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	15.364	0.000	0.000	0.00	0.27
12.00	(1) 7/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	15.364	0.000	0.000	0.00	0.59
13.50	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	15.364	0.000	0.000	0.00	0.27
13.50	(1) 7/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	15.364	0.000	0.000	0.00	0.59
15.00	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	15.364	0.000	0.000	0.00	0.27
15.00	(1) 7/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	15.364	0.000	0.000	0.00	0.59
16.50	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	15.364	0.000	0.000	0.00	0.27
16.50	(1) 7/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	15.364	0.000	0.000	0.00	0.59
18.00	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	15.364	0.000	0.000	0.00	0.27
18.00	(1) 7/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	15.364	0.000	0.000	0.00	0.59
19.50	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	15.364	0.000	0.000	0.00	0.27
19.50	(1) 7/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	15.364	0.000	0.000	0.00	0.59
21.00	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	15.364	0.000	0.000	0.00	0.27
21.00	(1) 7/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	15.364	0.000	0.000	0.00	0.59
22.50	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	15.364	0.000	0.000	0.00	0.27
22.50	(1) 7/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	15.364	0.000	0.000	0.00	0.59
24.00	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	15.364	0.000	0.000	0.00	0.27
24.00	(1) 7/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	15.364	0.000	0.000	0.00	0.59
25.50	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	15.364	0.000	0.000	0.00	0.27
25.50	(1) 7/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	15.364	0.000	0.000	0.00	0.59
27.00	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	15.364	0.000	0.000	0.00	0.27
27.00	(1) 7/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	15.364	0.000	0.000	0.00	0.59
28.50	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	15.364	0.000	0.000	0.00	0.27
28.50	(1) 7/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	15.364	0.000	0.000	0.00	0.59
30.00	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	15.377	0.000	0.000	0.00	0.27
30.00	(1) 7/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	15.377	0.000	0.000	0.00	0.59
31.50	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	15.593	0.000	0.000	0.00	0.27
31.50	(1) 7/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	15.593	0.000	0.000	0.00	0.59
33.00	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	15.802	0.000	0.000	0.00	0.27
33.00	(1) 7/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	15.802	0.000	0.000	0.00	0.59
34.50	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	16.004	0.000	0.000	0.00	0.27
34.50	(1) 7/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	16.004	0.000	0.000	0.00	0.59
36.00	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	16.199	0.000	0.000	0.00	0.27
36.00	(1) 7/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	16.199	0.000	0.000	0.00	0.59
37.50	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	16.389	0.000	0.000	0.00	0.27
37.50	(1) 7/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	16.389	0.000	0.000	0.00	0.59
39.00	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	16.574	0.000	0.000	0.00	0.27
39.00	(1) 7/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	16.574	0.000	0.000	0.00	0.59
40.50	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	16.754	0.000	0.000	0.00	0.27
40.50	(1) 7/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	16.754	0.000	0.000	0.00	0.59
42.00	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	16.929	0.000	0.000	0.00	0.27
42.00	(1) 7/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	16.929	0.000	0.000	0.00	0.59
43.50	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	17.099	0.000	0.000	0.00	0.27

Pole : 302523
Location : New Milford CT 2, CT
Height : 150.0 (ft)
Shape : 12 Sides
Base Dia : 53.90 (in)
Top Dia : 15.00 (in)
Taper : 0.156700 (in/ft)

Code: ANSI/TIA-222 Rev G
Struct Class : II
Exposure Category : B
Topographic Category : 1
Base Elev : 0.000 (ft)

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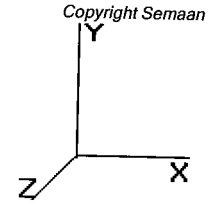

Load Case: 1.2D + 1.6W — 95.00 mph with No Ice — 28 Iterations

Gust Response Factor : 1.10
Dead Load Factor : 1.20
Wind Load Factor : 1.60
Wind Importance Factor : 1.00

43.50	(1) 7/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	17.099	0.000	0.000	0.00	0.59
45.00	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	17.266	0.000	0.000	0.00	0.27
45.00	(1) 7/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	17.266	0.000	0.000	0.00	0.59
46.50	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	17.428	0.000	0.000	0.00	0.27
46.50	(1) 7/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	17.428	0.000	0.000	0.00	0.59
48.00	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	17.587	0.000	0.000	0.00	0.27
48.00	(1) 7/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	17.587	0.000	0.000	0.00	0.59
49.50	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	17.742	0.000	0.000	0.00	0.27
49.50	(1) 7/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	17.742	0.000	0.000	0.00	0.59
50.00	(1) 1/2" Coax	Yes	0.50	0.000	0.00	0.00	0.00	17.793	0.000	0.000	0.00	0.09
50.00	(1) 7/8" Coax	Yes	0.50	0.000	0.00	0.00	0.00	17.793	0.000	0.000	0.00	0.20
51.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	17.894	0.000	0.000	0.00	0.18
52.50	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	18.043	0.000	0.000	0.00	0.27
54.00	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	18.189	0.000	0.000	0.00	0.27
55.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	18.285	0.000	0.000	0.00	0.18
55.50	(1) 1/2" Coax	Yes	0.50	0.000	0.00	0.00	0.00	18.332	0.000	0.000	0.00	0.09
57.00	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	18.472	0.000	0.000	0.00	0.27
58.50	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	18.610	0.000	0.000	0.00	0.27
60.00	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	18.745	0.000	0.000	0.00	0.27
61.50	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	18.878	0.000	0.000	0.00	0.27
63.00	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	19.008	0.000	0.000	0.00	0.27
64.50	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	19.136	0.000	0.000	0.00	0.27
66.00	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	19.262	0.000	0.000	0.00	0.27
67.50	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	19.386	0.000	0.000	0.00	0.27
69.00	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	19.509	0.000	0.000	0.00	0.27
70.50	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	19.629	0.000	0.000	0.00	0.27
72.00	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	19.747	0.000	0.000	0.00	0.27
73.50	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	19.864	0.000	0.000	0.00	0.27
75.00	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	19.979	0.000	0.000	0.00	0.27
79.50	(4) #20 Dywidag Bars	Yes	0.50	0.000	6.00	0.25	0.00	20.314	0.054	0.000	0.00	40.08
79.50	(1) Seam Flange	Yes	0.50	0.000	0.00	0.00	0.00	20.314	0.054	0.000	0.00	18.38
81.00	(4) #20 Dywidag Bars	Yes	1.50	0.000	6.00	0.75	0.00	20.423	0.164	1.193	0.00	120.24
81.00	(1) Seam Flange	Yes	1.50	0.000	0.00	0.00	0.00	20.423	0.164	1.193	0.00	55.13
82.50	(4) #20 Dywidag Bars	Yes	1.50	0.000	6.00	0.75	0.00	20.530	0.165	1.196	0.00	120.24
82.50	(1) Seam Flange	Yes	1.50	0.000	0.00	0.00	0.00	20.530	0.165	1.196	0.00	55.13
84.00	(4) #20 Dywidag Bars	Yes	1.50	0.000	6.00	0.75	0.00	20.636	0.167	1.200	0.00	120.24
84.00	(1) Seam Flange	Yes	1.50	0.000	0.00	0.00	0.00	20.636	0.167	1.200	0.00	55.13
84.11	(4) #20 Dywidag Bars	Yes	0.11	0.000	6.00	0.05	0.00	20.644	0.167	1.202	0.00	8.81
84.11	(1) Seam Flange	Yes	0.11	0.000	0.00	0.00	0.00	20.644	0.167	1.202	0.00	4.04
85.00	(4) #20 Dywidag Bars	Yes	0.89	0.000	6.00	0.45	0.00	20.706	0.168	1.203	0.00	71.35
85.00	(1) Seam Flange	Yes	0.89	0.000	0.00	0.00	0.00	20.706	0.168	1.203	0.00	32.72
85.50	(12) 1 5/8" Coax	Yes	0.50	1.200	3.98	0.17	0.20	20.741	0.535	0.000	7.26	5.90
85.50	(12) 1 5/8" Coax	Yes	0.50	1.200	3.98	0.17	0.20	20.741	0.535	0.000	7.26	5.90
85.50	(4) #20 Dywidag Bars	Yes	0.50	2.000	6.00	0.25	0.50	20.741	0.535	0.000	18.25	40.08
87.00	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	0.50	0.60	20.844	0.539	0.000	21.90	17.71
87.00	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	0.50	0.60	20.844	0.539	0.000	21.90	17.71
87.00	(4) #20 Dywidag Bars	Yes	1.50	2.000	6.00	0.75	1.50	20.844	0.539	0.000	55.03	120.24
88.50	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	0.50	0.60	20.946	0.544	0.000	22.01	17.71
88.50	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	0.50	0.60	20.946	0.544	0.000	22.01	17.71
88.50	(4) #20 Dywidag Bars	Yes	1.50	2.000	6.00	0.75	1.50	20.946	0.544	0.000	55.30	120.24
90.00	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	0.50	0.60	21.047	0.549	0.000	22.11	17.71
90.00	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	0.50	0.60	21.047	0.549	0.000	22.11	17.71
90.00	(4) #20 Dywidag Bars	Yes	1.50	2.000	6.00	0.75	1.50	21.047	0.549	0.000	55.56	120.24
91.50	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	0.50	0.60	21.147	0.555	0.000	22.22	17.71
91.50	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	0.50	0.60	21.147	0.555	0.000	22.22	17.71
91.50	(4) #20 Dywidag Bars	Yes	1.50	2.000	6.00	0.75	1.50	21.147	0.555	0.000	55.83	120.24
93.00	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	0.50	0.60	21.245	0.560	0.000	22.32	17.71

Pole : 302523
Location : New Milford CT 2, CT
Height : 150.0 (ft)
Shape : 12 Sides
Base Dia : 53.90 (in)
Top Dia : 15.00 (in)
Taper : 0.156700 (in/ft)

Code: ANSI/TIA-222 Rev G
Struct Class : II
Exposure Category : B
Topographic Category : 1
Base Elev : 0.000 (ft)

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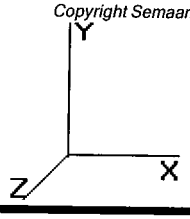


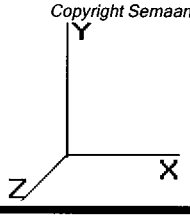
Load Case: 1.2D + 1.6W — 95.00 mph with No Ice — 28 Iterations

Gust Response Factor : 1.10
Dead Load Factor : 1.20
Wind Load Factor : 1.60

Wind Importance Factor : 1.00

93.00	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	0.50	0.60	21.245	0.560	0.000	22.32	17.71
93.00	(4) #20 Dywidag Bars	Yes	1.50	2.000	6.00	0.75	1.50	21.245	0.560	0.000	56.09	120.24
94.50	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	0.50	0.60	21.343	0.566	0.000	22.43	17.71
94.50	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	0.50	0.60	21.343	0.566	0.000	22.43	17.71
94.50	(4) #20 Dywidag Bars	Yes	1.50	2.000	6.00	0.75	1.50	21.343	0.566	0.000	56.34	120.24
96.00	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	0.50	0.60	21.439	0.571	0.000	22.53	17.71
96.00	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	0.50	0.60	21.439	0.571	0.000	22.53	17.71
96.00	(4) #20 Dywidag Bars	Yes	1.50	2.000	6.00	0.75	1.50	21.439	0.571	0.000	56.60	120.24
97.50	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	0.50	0.60	21.534	0.577	0.000	22.63	17.71
97.50	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	0.50	0.60	21.534	0.577	0.000	22.63	17.71
97.50	(4) #20 Dywidag Bars	Yes	1.50	2.000	6.00	0.75	1.50	21.534	0.577	0.000	56.85	120.24
99.00	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	0.50	0.60	21.628	0.583	0.000	22.73	17.71
99.00	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	0.50	0.60	21.628	0.583	0.000	22.73	17.71
99.00	(4) #20 Dywidag Bars	Yes	1.50	2.000	6.00	0.75	1.50	21.628	0.583	0.000	57.10	120.24
100.5	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	0.50	0.60	21.721	0.505	0.000	22.82	17.71
100.5	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	0.50	0.60	21.721	0.505	0.000	22.82	17.71
100.5	(4) #20 Dywidag Bars	Yes	1.00	2.000	6.00	0.50	1.00	21.721	0.505	0.000	38.23	80.16
102.0	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	0.50	0.60	21.814	0.340	0.000	22.92	17.71
102.0	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	0.50	0.60	21.814	0.340	0.000	22.92	17.71
103.5	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	0.50	0.60	21.905	0.343	0.000	23.02	17.71
103.5	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	0.50	0.60	21.905	0.343	0.000	23.02	17.71
105.0	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	0.50	0.60	21.995	0.347	0.000	23.11	17.71
105.0	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	0.50	0.60	21.995	0.347	0.000	23.11	17.71
106.5	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	0.50	0.60	22.084	0.351	0.000	23.20	17.71
106.5	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	0.50	0.60	22.084	0.351	0.000	23.20	17.71
108.0	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	0.50	0.60	22.173	0.355	0.000	23.30	17.71
108.0	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	0.50	0.60	22.173	0.355	0.000	23.30	17.71
109.5	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	0.50	0.60	22.260	0.358	0.000	23.39	17.71
109.5	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	0.50	0.60	22.260	0.358	0.000	23.39	17.71
110.0	(12) 1 5/8" Coax	Yes	0.50	1.200	3.98	0.17	0.20	22.289	0.361	0.000	7.81	5.90
110.0	(12) 1 5/8" Coax	Yes	0.50	1.200	3.98	0.17	0.20	22.289	0.361	0.000	7.81	5.90
111.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.98	0.33	0.00	22.347	0.182	1.245	0.00	11.81
112.5	(12) 1 5/8" Coax	Yes	1.50	0.000	3.98	0.50	0.00	22.433	0.183	1.250	0.00	17.71
114.0	(12) 1 5/8" Coax	Yes	1.50	0.000	3.98	0.50	0.00	22.518	0.185	1.256	0.00	17.71
115.5	(12) 1 5/8" Coax	Yes	1.50	0.000	3.98	0.50	0.00	22.602	0.187	1.262	0.00	17.71
117.0	(12) 1 5/8" Coax	Yes	1.50	0.000	3.98	0.50	0.00	22.686	0.190	1.269	0.00	17.71
118.5	(12) 1 5/8" Coax	Yes	1.50	0.000	3.98	0.50	0.00	22.768	0.192	1.276	0.00	17.71
120.0	(12) 1 5/8" Coax	Yes	1.50	0.000	3.98	0.50	0.00	22.850	0.194	1.282	0.00	17.71
121.5	(12) 1 5/8" Coax	Yes	1.50	0.000	3.98	0.50	0.00	22.932	0.196	1.289	0.00	17.71
123.0	(12) 1 5/8" Coax	Yes	1.50	0.000	3.98	0.50	0.00	23.012	0.199	1.296	0.00	17.71
124.5	(12) 1 5/8" Coax	Yes	1.50	1.188	3.98	0.50	0.59	23.092	0.201	0.000	24.02	17.71
126.0	(12) 1 5/8" Coax	Yes	1.50	1.186	3.98	0.50	0.59	23.171	0.204	0.000	24.07	17.71
127.5	(12) 1 5/8" Coax	Yes	1.50	1.184	3.98	0.50	0.59	23.250	0.206	0.000	24.11	17.71
129.0	(12) 1 5/8" Coax	Yes	1.50	1.182	3.98	0.50	0.59	23.327	0.209	0.000	24.15	17.71
130.5	(12) 1 5/8" Coax	Yes	1.50	1.180	3.98	0.50	0.59	23.405	0.212	0.000	24.19	17.71
132.0	(12) 1 5/8" Coax	Yes	1.50	1.178	3.98	0.50	0.59	23.481	0.214	0.000	24.23	17.71
133.0	(12) 1 5/8" Coax	Yes	1.00	1.177	3.98	0.33	0.39	23.532	0.217	0.000	16.17	11.81
										Totals:	1,477.51	2,796.18

Pole :	302523	Code: ANSI/TIA-222 Rev G	
Location :	New Milford CT 2, CT	Struct Class : II	
Height :	150.0 (ft)	Exposure Category : B	
Shape :	12 Sides	Topographic Category : 1	
Base Dia :	53.90 (in)		
Top Dia :	15.00 (in)		
Taper :	0.156700 (in/ft)	Base Elev : 0.000 (ft)	



Load Case: 1.2D + 1.6W — 95.00 mph with No Ice — 28 Iterations

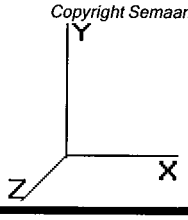
Gust Response Factor : 1.10
Dead Load Factor : 1.20
Wind Load Factor : 1.60

Wind Importance Factor : 1.00

Applied Segment Forces Summary

Seg Elev (ft)	Lateral FX (-) (lb)	Axial FY (-) (lb)	Torsion MY (lb-ft)	Moment MZ (lb-ft)
0.00	0.00	0.00	0.00	0.00
1.50	187.13	779.89	0.00	0.00
3.00	184.15	767.31	0.00	0.00
4.50	181.17	754.73	0.00	0.00
6.00	178.20	782.00	0.00	0.00
7.50	175.22	789.34	0.00	0.00
9.00	172.24	776.76	0.00	0.00
10.50	169.27	764.18	0.00	0.00
12.00	166.29	751.60	0.00	0.00
13.50	163.32	739.02	0.00	0.00
15.00	160.34	726.44	0.00	0.00
16.50	159.14	667.09	0.00	0.00
18.00	158.29	663.79	0.00	0.00
19.50	157.44	660.48	0.00	0.00
21.00	156.58	657.18	0.00	0.00
22.50	155.73	653.87	0.00	0.00
24.00	154.88	650.57	0.00	0.00
25.50	154.03	647.26	0.00	0.00
27.00	153.17	643.96	0.00	0.00
28.50	152.32	640.65	0.00	0.00
30.00	151.59	637.35	0.00	0.00
31.50	152.86	634.04	0.00	0.00
33.00	154.02	630.74	0.00	0.00
34.50	155.11	627.43	0.00	0.00
36.00	156.10	624.13	0.00	0.00
37.50	157.02	620.82	0.00	0.00
39.00	157.87	617.52	0.00	0.00
40.50	158.66	614.21	0.00	0.00
42.00	159.37	610.91	0.00	0.00
43.50	160.03	607.60	0.00	0.00
45.00	160.63	604.30	0.00	0.00
46.50	161.17	600.99	0.00	0.00
48.00	161.67	597.69	0.00	0.00
49.50	162.11	594.38	0.00	0.00
50.00	85.38	209.39	0.00	15.70
51.00	108.22	393.29	0.00	0.00
52.50	162.85	587.18	0.00	0.00
54.00	163.16	583.87	0.00	0.00
55.00	108.78	387.41	0.00	0.00
55.50	54.78	178.88	0.00	0.00
57.00	164.91	534.62	0.00	0.00
58.50	165.10	531.60	0.00	0.00
60.00	165.25	528.58	0.00	0.00
61.50	165.36	525.56	0.00	0.00
63.00	165.45	522.54	0.00	0.00
64.50	165.49	519.52	0.00	0.00
66.00	165.51	516.50	0.00	0.00
67.50	165.49	513.48	0.00	0.00
69.00	165.45	510.46	0.00	0.00
70.50	165.37	507.44	0.00	0.00

Pole :	302523	Code: ANSI/TIA-222 Rev G	
Location :	New Milford CT 2, CT	Struct Class : II	
Height :	150.0 (ft)	Exposure Category : B	
Shape :	12 Sides	Topographic Category : 1	
Base Dia :	53.90 (in)		
Top Dia :	15.00 (in)		
Taper :	0.156700 (in/ft)	Base Elev : 0.000 (ft)	



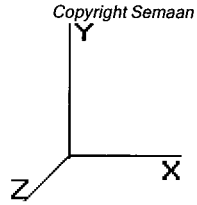
Load Case: 1.2D + 1.6W — 95.00 mph with No Ice — 28 Iterations

Gust Response Factor : 1.10
Dead Load Factor : 1.20
Wind Load Factor : 1.60

Wind Importance Factor : 1.00

72.00	165.27	504.42	0.00	0.00
73.50	165.14	501.40	0.00	0.00
75.00	200.14	510.38	0.00	0.00
76.50	164.79	409.08	0.00	0.00
78.00	164.58	406.67	0.00	0.00
79.50	164.35	462.71	0.00	0.00
81.00	195.74	577.21	0.00	0.00
82.50	195.96	574.79	0.00	0.00
84.00	196.17	572.38	0.00	0.00
84.11	14.35	41.84	0.00	0.00
85.00	116.38	382.99	0.00	0.00
85.50	80.38	125.76	0.00	0.00
87.00	241.43	376.48	0.00	0.00
88.50	241.25	375.30	0.00	0.00
90.00	241.04	374.13	0.00	0.00
91.50	240.80	372.95	0.00	0.00
93.00	240.53	371.77	0.00	0.00
94.50	240.24	370.59	0.00	0.00
96.00	239.93	294.27	0.00	0.00
97.50	239.59	293.09	0.00	0.00
99.00	239.22	291.91	0.00	0.00
100.5	219.72	250.65	0.00	0.00
102.0	180.84	169.32	0.00	0.00
103.5	180.16	168.14	0.00	0.00
105.0	179.47	166.96	0.00	0.00
106.5	178.76	165.79	0.00	0.00
108.0	178.02	164.61	0.00	0.00
109.5	177.27	163.43	0.00	0.00
110.0	2,222.10	1,440.22	0.00	0.00
111.0	89.42	79.20	0.00	0.00
112.5	133.95	118.07	0.00	0.00
114.0	133.62	117.21	0.00	0.00
115.5	133.27	116.34	0.00	0.00
117.0	132.92	115.47	0.00	0.00
118.5	132.55	114.61	0.00	0.00
120.0	132.17	113.74	0.00	0.00
121.5	131.79	112.87	0.00	0.00
123.0	131.39	112.01	0.00	0.00
124.5	144.58	111.14	0.00	0.00
126.0	143.55	110.27	0.00	0.00
127.5	142.51	109.41	0.00	0.00
129.0	141.45	108.54	0.00	0.00
130.5	140.38	107.67	0.00	0.00
132.0	139.29	106.81	0.00	0.00
133.0	3,031.31	2,132.32	0.00	0.00
133.5	31.51	29.31	0.00	0.00
135.0	93.98	87.36	0.00	0.00
136.5	93.02	86.50	0.00	0.00
138.0	92.04	85.63	0.00	0.00
139.5	91.05	84.76	0.00	0.00
140.0	1,783.19	1,919.86	0.00	0.00
141.0	59.89	46.98	0.00	0.00
142.5	89.04	69.75	0.00	0.00
144.0	88.02	68.88	0.00	0.00
145.5	87.00	68.01	0.00	0.00
147.0	85.96	67.15	0.00	0.00
148.5	84.91	66.28	0.00	0.00

Pole :	302523	Code: ANSI/TIA-222 Rev G	
Location :	New Milford CT 2, CT	Struct Class : II	
Height :	150.0 (ft)	Exposure Category : B	
Shape :	12 Sides	Topographic Category : 1	
Base Dia :	53.90 (in)		
Top Dia :	15.00 (in)		
Taper :	0.156700 (in/ft)	Base Elev : 0.000 (ft)	



Load Case: 1.2D + 1.6W — 95.00 mph with No Ice — 28 Iterations

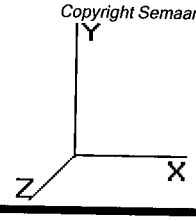
Gust Response Factor : 1.10
Dead Load Factor : 1.20
Wind Load Factor : 1.60

Wind Importance Factor : 1.00

150.0		2,581.86	2,215.33	0.00	4,064.09
	Totals:	25,482.90	49,249.29	0.00	4,079.80

Pole : 302523
Location : New Milford CT 2, CT
Height : 150.0 (ft)
Shape : 12 Sides
Base Dia : 53.90 (in)
Top Dia : 15.00 (in)
Taper : 0.156700 (in/ft)

Code: ANSI/TIA-222 Rev G
Struct Class : II
Exposure Category : B
Topographic Category : 1
Base Elev : 0.000 (ft)



Load Case: 1.2D + 1.6W — 95.00 mph with No Ice — 28 Iterations

Gust Response Factor : 1.10
Dead Load Factor : 1.20
Wind Load Factor : 1.60

Wind Importance Factor : 1.00

Calculated Forces

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-49.24	-25.49	0.00	-2,480.45	0.00	2,480.45	4,435.89	2,217.94	9,673.15	4,777.21	0.00	0.00	0.530
1.50	-48.45	-25.32	0.00	-2,442.22	0.00	2,442.22	4,364.90	2,182.45	9,363.93	4,624.50	0.00	-0.02	0.539
3.00	-47.68	-25.16	0.00	-2,404.23	0.00	2,404.23	4,293.92	2,146.96	9,059.74	4,474.26	0.01	-0.05	0.549
4.50	-46.91	-25.00	0.00	-2,366.49	0.00	2,366.49	4,222.94	2,111.47	8,760.56	4,326.51	0.03	-0.07	0.558
6.00	-46.12	-24.84	0.00	-2,328.99	0.00	2,328.99	4,151.95	2,075.98	8,466.41	4,181.24	0.06	-0.10	0.568
7.50	-45.32	-24.68	0.00	-2,291.73	0.00	2,291.73	4,080.97	2,040.49	8,177.29	4,038.46	0.09	-0.12	0.579
9.00	-44.53	-24.53	0.00	-2,254.71	0.00	2,254.71	4,009.99	2,004.99	7,893.18	3,898.15	0.14	-0.15	0.590
10.50	-43.75	-24.38	0.00	-2,217.91	0.00	2,217.91	3,939.01	1,969.50	7,614.11	3,760.32	0.19	-0.18	0.601
12.00	-42.99	-24.23	0.00	-2,181.34	0.00	2,181.34	3,868.02	1,934.01	7,340.05	3,624.98	0.25	-0.21	0.613
13.50	-42.24	-24.09	0.00	-2,144.99	0.00	2,144.99	3,797.04	1,898.52	7,071.02	3,492.11	0.32	-0.24	0.626
15.00	-41.50	-23.95	0.00	-2,108.86	0.00	2,108.86	3,726.06	1,863.03	6,807.01	3,361.73	0.40	-0.27	0.639
15.00	-41.50	-23.95	0.00	-2,108.86	0.00	2,108.86	3,726.06	1,863.03	6,807.01	3,361.73	0.40	-0.27	0.658
16.50	-40.82	-23.81	0.00	-2,072.93	0.00	2,072.93	3,568.76	1,784.38	6,532.18	3,226.00	0.49	-0.30	0.654
18.00	-40.14	-23.67	0.00	-2,037.21	0.00	2,037.21	3,549.29	1,774.64	6,460.55	3,190.62	0.59	-0.33	0.650
19.50	-39.47	-23.54	0.00	-2,001.70	0.00	2,001.70	3,529.81	1,764.91	6,389.31	3,155.44	0.70	-0.37	0.646
21.00	-38.80	-23.40	0.00	-1,966.40	0.00	1,966.40	3,510.34	1,755.17	6,318.47	3,120.45	0.82	-0.40	0.641
22.50	-38.13	-23.26	0.00	-1,931.30	0.00	1,931.30	3,490.86	1,745.43	6,248.02	3,085.66	0.95	-0.44	0.637
24.00	-37.47	-23.12	0.00	-1,896.41	0.00	1,896.41	3,471.39	1,735.69	6,177.97	3,051.06	1.09	-0.47	0.633
25.50	-36.81	-22.99	0.00	-1,861.72	0.00	1,861.72	3,451.91	1,725.96	6,108.31	3,016.66	1.25	-0.51	0.628
27.00	-36.15	-22.85	0.00	-1,827.24	0.00	1,827.24	3,432.44	1,716.22	6,039.04	2,982.46	1.41	-0.54	0.623
28.50	-35.50	-22.71	0.00	-1,792.97	0.00	1,792.97	3,412.97	1,706.48	5,970.18	2,948.45	1.59	-0.58	0.619
30.00	-34.85	-22.58	0.00	-1,758.90	0.00	1,758.90	3,393.49	1,696.75	5,901.70	2,914.63	1.78	-0.61	0.614
31.50	-34.20	-22.44	0.00	-1,725.04	0.00	1,725.04	3,374.02	1,687.01	5,833.62	2,881.01	1.97	-0.65	0.609
33.00	-33.56	-22.29	0.00	-1,691.38	0.00	1,691.38	3,354.54	1,677.27	5,765.94	2,847.58	2.18	-0.68	0.604
34.50	-32.92	-22.15	0.00	-1,657.94	0.00	1,657.94	3,335.07	1,667.53	5,698.65	2,814.35	2.40	-0.71	0.599
36.00	-32.29	-22.01	0.00	-1,624.71	0.00	1,624.71	3,315.59	1,657.80	5,631.76	2,781.32	2.63	-0.75	0.594
37.50	-31.66	-21.86	0.00	-1,591.70	0.00	1,591.70	3,296.12	1,648.06	5,565.26	2,748.47	2.87	-0.78	0.589
39.00	-31.03	-21.71	0.00	-1,558.91	0.00	1,558.91	3,276.65	1,638.32	5,499.16	2,715.83	3.12	-0.82	0.584
40.50	-30.40	-21.56	0.00	-1,526.35	0.00	1,526.35	3,257.17	1,628.59	5,433.45	2,683.38	3.38	-0.85	0.578
42.00	-29.78	-21.41	0.00	-1,494.00	0.00	1,494.00	3,237.70	1,618.85	5,368.14	2,651.12	3.66	-0.88	0.573
43.50	-29.17	-21.26	0.00	-1,461.89	0.00	1,461.89	3,218.22	1,609.11	5,303.22	2,619.06	3.94	-0.92	0.567
45.00	-28.55	-21.10	0.00	-1,430.00	0.00	1,430.00	3,198.75	1,599.37	5,238.70	2,587.20	4.23	-0.95	0.562
46.50	-27.94	-20.95	0.00	-1,398.34	0.00	1,398.34	3,179.28	1,589.64	5,174.57	2,555.53	4.54	-0.98	0.556
48.00	-27.33	-20.79	0.00	-1,366.92	0.00	1,366.92	3,159.80	1,579.90	5,110.84	2,524.05	4.85	-1.02	0.550
49.50	-26.74	-20.63	0.00	-1,335.73	0.00	1,335.73	3,140.33	1,570.16	5,047.50	2,492.77	5.18	-1.05	0.545
50.00	-26.52	-20.55	0.00	-1,325.40	0.00	1,325.40	3,133.84	1,566.92	5,026.47	2,482.39	5.29	-1.06	0.543
51.00	-26.12	-20.45	0.00	-1,304.85	0.00	1,304.85	3,120.85	1,560.43	4,984.56	2,461.68	5.51	-1.08	0.539
52.50	-25.53	-20.29	0.00	-1,274.18	0.00	1,274.18	3,101.38	1,550.69	4,922.01	2,430.79	5.86	-1.12	0.533
54.00	-24.94	-20.12	0.00	-1,243.75	0.00	1,243.75	3,081.90	1,540.95	4,859.85	2,400.10	6.21	-1.15	0.526
55.00	-24.54	-20.01	0.00	-1,223.62	0.00	1,223.62	3,068.92	1,534.46	4,818.64	2,379.74	6.46	-1.17	0.522
55.00	-24.54	-20.01	0.00	-1,223.62	0.00	1,223.62	3,068.92	1,534.46	4,818.64	2,379.74	6.46	-1.17	0.620
55.50	-24.36	-19.97	0.00	-1,213.62	0.00	1,213.62	2,550.94	1,275.47	4,041.54	1,995.96	6.58	-1.18	0.618
57.00	-23.82	-19.80	0.00	-1,183.67	0.00	1,183.67	2,534.79	1,267.40	3,990.12	1,970.57	6.96	-1.21	0.610
58.50	-23.28	-19.64	0.00	-1,153.96	0.00	1,153.96	2,518.64	1,259.32	3,939.02	1,945.34	7.34	-1.25	0.603
60.00	-22.74	-19.48	0.00	-1,124.50	0.00	1,124.50	2,502.49	1,251.24	3,888.26	1,920.27	7.74	-1.28	0.595
61.50	-22.21	-19.31	0.00	-1,095.29	0.00	1,095.29	2,486.33	1,243.17	3,837.83	1,895.36	8.15	-1.32	0.587
63.00	-21.68	-19.15	0.00	-1,066.32	0.00	1,066.32	2,470.18	1,235.09	3,787.72	1,870.61	8.57	-1.35	0.579
64.50	-21.15	-18.98	0.00	-1,037.60	0.00	1,037.60	2,454.03	1,227.02	3,737.95	1,846.03	9.00	-1.38	0.571
66.00	-20.63	-18.82	0.00	-1,009.12	0.00	1,009.12	2,437.88	1,218.94	3,688.50	1,821.61	9.44	-1.42	0.563
67.50	-20.11	-18.65	0.00	-980.90	0.00	980.90	2,421.73	1,210.86	3,639.38	1,797.35	9.89	-1.45	0.554
69.00	-19.59	-18.48	0.00	-952.92	0.00	952.92	2,405.57	1,202.79	3,590.59	1,773.26	10.35	-1.48	0.546

Pole :	302523	Code: ANSI/TIA-222 Rev G	
Location :	New Milford CT 2, CT	Struct Class : II	
Height :	150.0 (ft)	Exposure Category : B	
Shape :	12 Sides	Topographic Category : 1	
Base Dia :	53.90 (in)		
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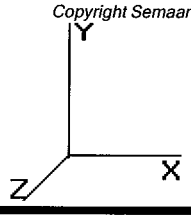
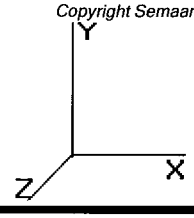


Load Case: 1.2D + 1.6W — 95.00 mph with No Ice — 28 Iterations

Gust Response Factor : 1.10
Dead Load Factor : 1.20
Wind Load Factor : 1.60
Wind Importance Factor : 1.00

70.50	-19.08	-18.31	0.00	-925.20	0.00	925.20	2,389.42	1,194.71	3,542.14	1,749.33	10.82	-1.51	0.537
72.00	-18.57	-18.15	0.00	-897.73	0.00	897.73	2,373.27	1,186.64	3,494.01	1,725.56	11.30	-1.54	0.528
73.50	-18.06	-17.98	0.00	-870.51	0.00	870.51	2,357.12	1,178.56	3,446.21	1,701.95	11.79	-1.58	0.519
75.00	-17.55	-17.77	0.00	-843.55	0.00	843.55	2,340.97	1,170.48	3,398.74	1,678.51	12.29	-1.61	0.510
75.00	-17.55	-17.77	0.00	-843.55	0.00	843.55	2,340.97	1,170.48	3,398.74	1,678.51	12.29	-1.61	0.569
76.50	-17.13	-17.61	0.00	-816.89	0.00	816.89	2,071.54	1,035.77	3,007.65	1,485.37	12.80	-1.64	0.559
78.00	-16.72	-17.44	0.00	-790.48	0.00	790.48	2,057.20	1,028.60	2,965.86	1,464.73	13.32	-1.68	0.548
79.50	-16.25	-17.27	0.00	-764.32	0.00	764.32	2,042.86	1,021.43	2,924.37	1,444.24	13.85	-1.71	0.537
81.00	-15.67	-17.07	0.00	-738.41	0.00	738.41	2,028.52	1,014.26	2,883.16	1,423.89	14.40	-1.75	0.527
82.50	-15.09	-16.87	0.00	-712.80	0.00	712.80	2,014.17	1,007.09	2,842.25	1,403.68	14.95	-1.79	0.516
84.00	-14.52	-16.66	0.00	-687.50	0.00	687.50	1,999.83	999.92	2,801.63	1,383.62	15.52	-1.82	0.504
84.11	-14.47	-16.64	0.00	-685.67	0.00	685.67	1,998.78	999.39	2,798.67	1,382.16	15.56	-1.82	0.504
85.00	-14.09	-16.52	0.00	-670.86	0.00	670.86	1,990.27	995.14	2,774.71	1,370.33	15.91	-1.85	0.315
85.00	-14.09	-16.52	0.00	-670.86	0.00	670.86	1,990.27	995.14	2,774.71	1,370.33	15.91	-1.85	0.293
85.50	-13.96	-16.44	0.00	-662.60	0.00	662.60	1,172.62	586.31	1,202.80	594.02	16.10	-1.85	0.383
87.00	-13.57	-16.20	0.00	-637.94	0.00	637.94	1,161.37	580.69	1,179.73	582.62	16.69	-1.91	0.372
88.50	-13.19	-15.96	0.00	-613.63	0.00	613.63	1,150.13	575.06	1,156.88	571.34	17.30	-1.97	0.361
90.00	-12.81	-15.72	0.00	-589.69	0.00	589.69	1,138.88	569.44	1,134.25	560.17	17.93	-2.03	0.349
91.50	-12.43	-15.48	0.00	-566.10	0.00	566.10	1,127.63	563.82	1,111.85	549.10	18.58	-2.08	0.338
93.00	-12.05	-15.24	0.00	-542.89	0.00	542.89	1,116.39	558.19	1,089.67	538.15	19.24	-2.13	0.327
94.50	-11.68	-14.99	0.00	-520.03	0.00	520.03	1,116.39	558.19	1,089.67	538.15	19.92	-2.19	0.316
94.50	-11.68	-14.99	0.00	-520.03	0.00	520.03	1,116.39	558.19	1,089.67	538.15	19.92	-2.19	0.998
96.00	-11.37	-14.76	0.00	-497.54	0.00	497.54	1,093.90	546.95	1,045.98	516.57	20.62	-2.24	0.974
97.50	-11.04	-14.54	0.00	-475.40	0.00	475.40	1,082.65	541.33	1,024.47	505.95	21.35	-2.40	0.951
99.00	-10.72	-14.32	0.00	-453.59	0.00	453.59	1,071.41	535.70	1,003.19	495.44	22.13	-2.56	0.926
100.50	-10.44	-14.12	0.00	-432.11	0.00	432.11	1,060.16	530.08	982.13	485.04	22.95	-2.71	0.901
102.00	-10.25	-13.96	0.00	-410.93	0.00	410.93	1,048.91	524.46	961.29	474.74	23.83	-2.87	0.876
103.50	-10.05	-13.79	0.00	-390.00	0.00	390.00	1,037.67	518.83	940.67	464.56	24.76	-3.02	0.850
105.00	-9.86	-13.63	0.00	-369.31	0.00	369.31	1,026.42	513.21	920.28	454.49	25.73	-3.17	0.823
106.50	-9.67	-13.47	0.00	-348.86	0.00	348.86	1,015.18	507.59	900.11	444.53	26.75	-3.31	0.795
108.00	-9.49	-13.30	0.00	-328.66	0.00	328.66	1,003.93	501.97	880.17	434.68	27.81	-3.45	0.766
109.50	-9.31	-13.13	0.00	-308.71	0.00	308.71	992.69	496.34	860.45	424.94	28.92	-3.59	0.737
110.00	-8.00	-10.83	0.00	-302.14	0.00	302.14	988.94	494.47	853.92	421.72	29.29	-3.63	0.725
110.00	-8.00	-10.83	0.00	-302.14	0.00	302.14	988.94	494.47	853.92	421.72	29.29	-3.63	0.958
111.00	-7.90	-10.75	0.00	-291.31	0.00	291.31	738.40	369.20	636.59	314.39	30.07	-3.72	0.938
112.50	-7.76	-10.64	0.00	-275.18	0.00	275.18	730.12	365.06	622.33	307.35	31.26	-3.89	0.907
114.00	-7.63	-10.52	0.00	-259.23	0.00	259.23	721.84	360.92	608.24	300.39	32.51	-4.06	0.874
115.50	-7.49	-10.40	0.00	-243.45	0.00	243.45	713.56	356.78	594.31	293.51	33.81	-4.22	0.841
117.00	-7.36	-10.28	0.00	-227.86	0.00	227.86	705.28	352.64	580.53	286.70	35.16	-4.38	0.806
118.50	-7.23	-10.15	0.00	-212.45	0.00	212.45	697.01	348.50	566.92	279.98	36.56	-4.53	0.770
120.00	-7.10	-10.03	0.00	-197.22	0.00	197.22	688.73	344.36	553.48	273.34	38.01	-4.68	0.733
121.50	-6.97	-9.91	0.00	-182.17	0.00	182.17	680.45	340.22	540.19	266.78	39.51	-4.82	0.694
123.00	-6.85	-9.78	0.00	-167.31	0.00	167.31	672.17	336.09	527.06	260.30	41.04	-4.96	0.654
124.50	-6.73	-9.64	0.00	-152.64	0.00	152.64	663.89	331.95	514.10	253.89	42.62	-5.09	0.612
126.00	-6.62	-9.50	0.00	-138.17	0.00	138.17	655.62	327.81	501.30	247.57	44.24	-5.21	0.569
127.50	-6.50	-9.36	0.00	-123.92	0.00	123.92	647.34	323.67	488.65	241.33	45.89	-5.32	0.524
129.00	-6.39	-9.22	0.00	-109.87	0.00	109.87	639.06	319.53	476.17	235.16	47.58	-5.43	0.478
130.50	-6.28	-9.08	0.00	-96.04	0.00	96.04	630.78	315.39	463.86	229.08	49.30	-5.52	0.430
132.00	-6.18	-8.94	0.00	-82.41	0.00	82.41	622.50	311.25	451.70	223.08	51.04	-5.61	0.380
133.00	-4.35	-5.72	0.00	-73.47	0.00	73.47	616.99	308.49	443.68	219.12	52.22	-5.66	0.343
133.50	-4.32	-5.69	0.00	-70.61	0.00	70.61	614.23	307.11	439.70	217.15	52.82	-5.69	0.333
135.00	-4.24	-5.59	0.00	-62.07	0.00	62.07	605.95	302.97	427.87	211.31	54.61	-5.76	0.301
136.50	-4.15	-5.49	0.00	-53.69	0.00	53.69	597.67	298.84	416.19	205.54	56.43	-5.82	0.268
138.00	-4.07	-5.40	0.00	-45.44	0.00	45.44	589.39	294.70	404.68	199.86	58.26	-5.88	0.235
139.50	-4.00	-5.30	0.00	-37.35	0.00	37.35	581.11	290.56	393.33	194.25	60.12	-5.93	0.199
140.00	-2.27	-3.33	0.00	-34.70	0.00	34.70	578.35	289.18	389.59	192.40	60.74	-5.94	0.184
141.00	-2.23	-3.27	0.00	-31.37	0.00	31.37	572.84	286.42	382.15	188.73	61.98	-5.97	0.170

Pole :	302523	Code: ANSI/TIA-222 Rev G	
Location :	New Milford CT 2, CT	Struct Class : II	
Height :	150.0 (ft)	Exposure Category : B	
Shape :	12 Sides	Topographic Category : 1	
Base Dia :	53.90 (in)		
Top Dia :	15.00 (in)		
Taper :	0.156700 (in/ft)	Base Elev : 0.000 (ft)	



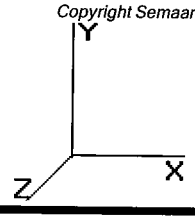
Load Case: 1.2D + 1.6W — 95.00 mph with No Ice — 28 Iterations

Gust Response Factor : 1.10
Dead Load Factor : 1.20
Wind Load Factor : 1.60
Wind Importance Factor : 1.00

142.50	-2.16	-3.17	0.00	-26.47	0.00	26.47	564.56	282.28	371.12	183.28	63.86	-6.01	0.148
144.00	-2.10	-3.08	0.00	-21.71	0.00	21.71	556.28	278.14	360.25	177.92	65.75	-6.04	0.126
145.50	-2.04	-2.99	0.00	-17.09	0.00	17.09	548.00	274.00	349.55	172.63	67.65	-6.07	0.103
147.00	-1.99	-2.89	0.00	-12.61	0.00	12.61	539.72	269.86	339.01	167.42	69.56	-6.09	0.079
148.50	-1.93	-2.80	0.00	-8.27	0.00	8.27	531.45	265.72	328.62	162.30	71.47	-6.11	0.055
150.00	0.00	-2.58	0.00	-4.06	0.00	4.06	523.17	261.58	318.40	157.25	73.39	-6.12	0.026

Pole : 302523
Location : New Milford CT 2, CT
Height : 150.0 (ft)
Shape : 12 Sides
Base Dia : 53.90 (in)
Top Dia : 15.00 (in)
Taper : 0.156700 (in/ft)

Code: ANSI/TIA-222 Rev G
Struct Class : II
Exposure Category : B
Topographic Category : 1
Base Elev : 0.000 (ft)



Load Case: 0.9D + 1.6W — 95.00 mph with No Ice (Reduced DL) — 27 Iterations

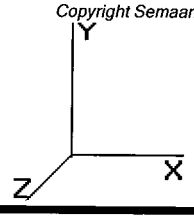
Gust Response Factor : 1.10
Dead Load Factor : 0.90
Wind Load Factor : 1.60

Wind Importance Factor : 1.00

Shaft Segment Forces (Factored)

Seg Top Elev (ft)	Description	Kzt	Kz	qz (psf)	qzGh (psf)	C (mph-ft)	Cf	Ice Thick (in)	Tributary (ft)	Aa (sf)	CfAa (sf)	Wind Force X (lb)	Dead Load Ice (lb)	Tot Dead Load (lb)
0.00		1.00	0.70	15.364	16.90	369.60	1.000	0.00	0.00	0.000	0.00	0.0	0.0	0.0
1.50		1.00	0.70	15.364	16.90	363.77	1.000	0.00	1.50	6.920	6.92	187.1	0.0	584.9
3.00		1.00	0.70	15.364	16.90	357.93	1.000	0.00	1.50	6.810	6.81	184.1	0.0	575.5
4.50		1.00	0.70	15.364	16.90	352.10	1.000	0.00	1.50	6.700	6.70	181.2	0.0	566.0
6.00		1.00	0.70	15.364	16.90	346.27	1.000	0.00	1.50	6.590	6.59	178.2	0.0	556.6
7.50		1.00	0.70	15.364	16.90	340.44	1.000	0.00	1.50	6.480	6.48	175.2	0.0	547.2
9.00		1.00	0.70	15.364	16.90	334.60	1.000	0.00	1.50	6.370	6.37	172.2	0.0	537.7
10.50		1.00	0.70	15.364	16.90	328.77	1.000	0.00	1.50	6.260	6.26	169.3	0.0	528.3
12.00		1.00	0.70	15.364	16.90	322.94	1.000	0.00	1.50	6.150	6.15	166.3	0.0	518.9
13.50		1.00	0.70	15.364	16.90	317.11	1.000	0.00	1.50	6.040	6.04	163.3	0.0	509.4
15.00	Top - Section 1	1.00	0.70	15.364	16.90	311.28	1.000	0.00	1.50	5.930	5.93	160.3	0.0	500.0
16.50		1.00	0.70	15.364	16.90	311.01	1.000	0.00	1.50	5.885	5.89	159.1	0.0	455.5
18.00		1.00	0.70	15.364	16.90	309.34	1.000	0.00	1.50	5.854	5.85	158.3	0.0	453.0
19.50		1.00	0.70	15.364	16.90	307.67	1.000	0.00	1.50	5.822	5.82	157.4	0.0	450.5
21.00		1.00	0.70	15.364	16.90	306.00	1.000	0.00	1.50	5.791	5.79	156.6	0.0	448.1
22.50		1.00	0.70	15.364	16.90	304.33	1.000	0.00	1.50	5.759	5.76	155.7	0.0	445.6
24.00		1.00	0.70	15.364	16.90	302.65	1.000	0.00	1.50	5.728	5.73	154.9	0.0	443.1
25.50		1.00	0.70	15.364	16.90	300.98	1.000	0.00	1.50	5.696	5.70	154.0	0.0	440.6
27.00		1.00	0.70	15.364	16.90	299.31	1.000	0.00	1.50	5.664	5.66	153.2	0.0	438.1
28.50		1.00	0.70	15.364	16.90	297.64	1.000	0.00	1.50	5.633	5.63	152.3	0.0	435.7
30.00		1.00	0.70	15.377	16.91	296.09	1.000	0.00	1.50	5.601	5.60	151.6	0.0	433.2
31.50		1.00	0.71	15.593	17.15	296.48	1.000	0.00	1.50	5.570	5.57	152.9	0.0	430.7
33.00		1.00	0.72	15.802	17.38	296.76	1.000	0.00	1.50	5.538	5.54	154.0	0.0	428.2
34.50		1.00	0.72	16.004	17.60	296.95	1.000	0.00	1.50	5.507	5.51	155.1	0.0	425.7
36.00		1.00	0.73	16.199	17.81	297.04	1.000	0.00	1.50	5.475	5.48	156.1	0.0	423.3
37.50		1.00	0.74	16.389	18.02	297.05	1.000	0.00	1.50	5.444	5.44	157.0	0.0	420.8
39.00		1.00	0.75	16.574	18.23	296.99	1.000	0.00	1.50	5.412	5.41	157.9	0.0	418.3
40.50		1.00	0.76	16.754	18.42	296.85	1.000	0.00	1.50	5.381	5.38	158.7	0.0	415.8
42.00		1.00	0.77	16.929	18.62	296.64	1.000	0.00	1.50	5.349	5.35	159.4	0.0	413.4
43.50		1.00	0.77	17.099	18.80	296.37	1.000	0.00	1.50	5.317	5.32	160.0	0.0	410.9
45.00		1.00	0.78	17.266	18.99	296.03	1.000	0.00	1.50	5.286	5.29	160.6	0.0	408.4
46.50		1.00	0.79	17.428	19.17	295.64	1.000	0.00	1.50	5.254	5.25	161.2	0.0	405.9
48.00		1.00	0.80	17.587	19.34	295.20	1.000	0.00	1.50	5.223	5.22	161.7	0.0	403.4
49.50		1.00	0.80	17.742	19.51	294.70	1.000	0.00	1.50	5.191	5.19	162.1	0.0	401.0
50.00	Appertunance(s)	1.00	0.81	17.793	19.57	294.53	1.000	0.00	0.50	1.723	1.72	54.0	0.0	133.1
51.00		1.00	0.81	17.894	19.68	294.16	1.000	0.00	1.00	3.436	3.44	108.2	0.0	265.4
52.50		1.00	0.82	18.043	19.84	293.57	1.000	0.00	1.50	5.128	5.13	162.9	0.0	396.0
54.00		1.00	0.82	18.189	20.00	292.93	1.000	0.00	1.50	5.097	5.10	163.2	0.0	393.5
55.00	Top - Section 2	1.00	0.83	18.285	20.11	292.49	1.000	0.00	1.00	3.380	3.38	108.8	0.0	261.0
55.50		1.00	0.83	18.332	20.16	294.50	1.000	0.00	0.50	1.698	1.70	54.8	0.0	119.4
57.00		1.00	0.84	18.472	20.31	293.78	1.000	0.00	1.50	5.072	5.07	164.9	0.0	356.6
58.50		1.00	0.84	18.610	20.47	293.02	1.000	0.00	1.50	5.041	5.04	165.1	0.0	354.3
60.00		1.00	0.85	18.745	20.61	292.23	1.000	0.00	1.50	5.009	5.01	165.2	0.0	352.1
61.50		1.00	0.86	18.878	20.76	291.40	1.000	0.00	1.50	4.977	4.98	165.4	0.0	349.8
63.00		1.00	0.86	19.008	20.90	290.54	1.000	0.00	1.50	4.945	4.95	165.4	0.0	347.5
64.50		1.00	0.87	19.136	21.05	289.64	1.000	0.00	1.50	4.914	4.91	165.5	0.0	345.3
66.00		1.00	0.87	19.262	21.18	288.71	1.000	0.00	1.50	4.882	4.88	165.5	0.0	343.0
67.50		1.00	0.88	19.386	21.32	287.75	1.000	0.00	1.50	4.850	4.85	165.5	0.0	340.7
69.00		1.00	0.88	19.509	21.45	286.77	1.000	0.00	1.50	4.819	4.82	165.4	0.0	338.5
70.50		1.00	0.89	19.629	21.59	285.75	1.000	0.00	1.50	4.787	4.79	165.4	0.0	336.2
72.00		1.00	0.90	19.747	21.72	284.70	1.000	0.00	1.50	4.755	4.76	165.3	0.0	333.9

Pole : 302523	Code: ANSI/TIA-222 Rev G		
Location : New Milford CT 2, CT	Struct Class : II		6/29/2009 5:05:27 PM
Height : 150.0 (ft)	Exposure Category : B		Page: 19
Shape : 12 Sides	Topographic Category : 1		
Base Dia : 53.90 (in)			
Top Dia : 15.00 (in)			
Taper : 0.156700 (in/ft)	Base Elev : 0.000 (ft)		

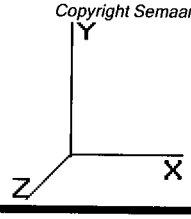


Load Case: 0.9D + 1.6W — 95.00 mph with No Ice (Reduced DL) — 27 Iterations

Gust Response Factor : 1.10
Dead Load Factor : 0.90
Wind Load Factor : 1.60

Wind Importance Factor : 1.00

73.50		1.00	0.90	19.864	21.85	283.63	1.000	0.00	1.50	4.724	4.72	165.1	0.0	331.7
75.00	Top - Section 3	1.00	0.91	19.979	21.97	282.54	1.000	0.00	1.50	4.692	4.69	165.0	0.0	329.4
76.50		1.00	0.91	20.092	22.10	281.42	1.000	0.00	1.50	4.660	4.66	164.8	0.0	262.6
78.00		1.00	0.92	20.204	22.22	280.27	1.000	0.00	1.50	4.628	4.63	164.6	0.0	260.8
79.50		1.00	0.92	20.314	22.34	279.10	1.000	0.00	1.50	4.597	4.60	164.3	0.0	259.0
81.00		1.00	0.93	20.423	22.46	277.91	1.000 *	0.00	1.50	4.565	4.56	164.1	0.0	257.2
82.50		1.00	0.93	20.530	22.58	276.70	1.000 *	0.00	1.50	4.533	4.53	163.8	0.0	255.4
84.00		1.00	0.94	20.636	22.70	275.47	1.000 *	0.00	1.50	4.502	4.50	163.5	0.0	253.6
84.11	Reinf Bottom	1.00	0.94	20.644	22.70	275.38	1.000 *	0.00	0.11	0.329	0.33	11.9	0.0	18.5
85.00	Top - Section 4	1.00	0.94	20.706	22.77	274.63	1.000 *	0.00	0.89	2.655	2.65	96.8	0.0	194.1
85.50		1.00	0.94	20.741	22.81	200.37	1.200 *	0.00	0.50	1.087	1.30	47.6	0.0	55.8
87.00		1.00	0.95	20.844	22.92	198.97	1.200 *	0.00	1.50	3.239	3.89	142.6	0.0	166.8
88.50		1.00	0.95	20.946	23.04	197.54	1.200 *	0.00	1.50	3.208	3.85	141.9	0.0	165.9
90.00		1.00	0.95	21.047	23.15	196.10	1.200 *	0.00	1.50	3.177	3.81	141.2	0.0	165.0
91.50		1.00	0.96	21.147	23.26	194.64	1.200 *	0.00	1.50	3.147	3.78	140.5	0.0	164.1
93.00		1.00	0.96	21.245	23.37	193.17	1.200 *	0.00	1.50	3.116	3.74	139.8	0.0	163.3
94.50	Reinf. Top	1.00	0.97	21.343	23.47	191.68	1.200 *	0.00	1.50	3.085	3.70	139.0	0.0	162.4
96.00		1.00	0.97	21.439	23.58	190.18	1.200 *	0.00	1.50	3.054	3.66	138.3	0.0	86.3
97.50		1.00	0.98	21.534	23.68	188.66	1.200 *	0.00	1.50	3.023	3.63	137.5	0.0	85.5
99.00		1.00	0.98	21.628	23.79	187.13	1.200 *	0.00	1.50	2.992	3.59	136.7	0.0	84.6
100.5		1.00	0.99	21.721	23.89	185.59	1.200 *	0.00	1.50	2.961	3.55	135.8	0.0	83.7
102.0		1.00	0.99	21.814	23.99	184.03	1.200 *	0.00	1.50	2.930	3.52	135.0	0.0	82.8
103.5		1.00	0.99	21.905	24.09	182.46	1.200 *	0.00	1.50	2.899	3.48	134.1	0.0	81.9
105.0		1.00	1.00	21.995	24.19	180.87	1.200 *	0.00	1.50	2.868	3.44	133.2	0.0	81.0
106.5		1.00	1.00	22.084	24.29	179.28	1.200 *	0.00	1.50	2.837	3.40	132.3	0.0	80.2
108.0		1.00	1.01	22.173	24.39	177.67	1.200 *	0.00	1.50	2.807	3.37	131.4	0.0	79.3
109.5		1.00	1.01	22.260	24.48	176.05	1.200 *	0.00	1.50	2.776	3.33	130.5	0.0	78.4
110.0	Top - Section 5	1.00	1.01	22.289	24.51	175.50	1.200 *	0.00	0.50	0.918	1.10	43.2	0.0	25.9
111.0		1.00	1.01	22.347	24.58	174.44	1.000 *	0.00	1.00	1.827	1.83	71.8	0.0	38.8
112.5		1.00	1.02	22.433	24.67	172.83	1.000 *	0.00	1.50	2.715	2.71	107.2	0.0	57.7
114.0		1.00	1.02	22.518	24.77	171.21	1.000 *	0.00	1.50	2.684	2.68	106.4	0.0	57.0
115.5		1.00	1.03	22.602	24.86	169.58	1.000 *	0.00	1.50	2.654	2.65	105.6	0.0	56.4
117.0		1.00	1.03	22.686	24.95	167.94	1.000 *	0.00	1.50	2.624	2.62	104.8	0.0	55.7
118.5		1.00	1.03	22.768	25.04	166.29	1.000 *	0.00	1.50	2.593	2.59	103.9	0.0	55.1
120.0		1.00	1.04	22.850	25.13	164.63	1.000 *	0.00	1.50	2.563	2.56	103.1	0.0	54.4
121.5		1.00	1.04	22.932	25.22	162.96	1.000 *	0.00	1.50	2.533	2.53	102.2	0.0	53.8
123.0		1.00	1.04	23.012	25.31	161.28	1.000 *	0.00	1.50	2.502	2.50	101.3	0.0	53.1
124.5		1.00	1.05	23.092	25.40	159.59	1.200 *	0.00	1.50	2.472	2.97	120.6	0.0	52.5
126.0		1.00	1.05	23.171	25.48	157.89	1.200 *	0.00	1.50	2.442	2.93	119.5	0.0	51.8
127.5		1.00	1.05	23.250	25.57	156.18	1.200 *	0.00	1.50	2.411	2.89	118.4	0.0	51.2
129.0		1.00	1.06	23.327	25.66	154.46	1.200 *	0.00	1.50	2.381	2.86	117.3	0.0	50.5
130.5		1.00	1.06	23.405	25.74	152.73	1.200 *	0.00	1.50	2.351	2.82	116.2	0.0	49.9
132.0		1.00	1.07	23.481	25.82	151.00	1.200 *	0.00	1.50	2.320	2.78	115.1	0.0	49.2
133.0	Appertunance(s)	1.00	1.07	23.532	25.88	149.83	1.200 *	0.00	1.00	1.530	1.84	76.0	0.0	32.4
133.5		1.00	1.07	23.557	25.91	149.25	1.000	0.00	0.50	0.760	0.76	31.5	0.0	16.1
135.0		1.00	1.07	23.632	25.99	147.49	1.000	0.00	1.50	2.260	2.26	94.0	0.0	47.9
136.5		1.00	1.08	23.707	26.07	145.73	1.000	0.00	1.50	2.229	2.23	93.0	0.0	47.3
138.0		1.00	1.08	23.781	26.15	143.96	1.000	0.00	1.50	2.199	2.20	92.0	0.0	46.6
139.5		1.00	1.08	23.855	26.24	142.18	1.000	0.00	1.50	2.169	2.17	91.0	0.0	46.0
140.0	Appertunance(s)	1.00	1.08	23.879	26.26	141.58	1.000	0.00	0.50	0.716	0.72	30.1	0.0	15.2
141.0		1.00	1.09	23.928	26.32	140.39	1.000	0.00	1.00	1.422	1.42	59.9	0.0	30.1
142.5		1.00	1.09	24.000	26.40	138.60	1.000	0.00	1.50	2.108	2.11	89.0	0.0	44.7
144.0		1.00	1.09	24.072	26.47	136.79	1.000	0.00	1.50	2.078	2.08	88.0	0.0	44.0
145.5		1.00	1.10	24.144	26.55	134.98	1.000	0.00	1.50	2.047	2.05	87.0	0.0	43.4
147.0		1.00	1.10	24.214	26.63	133.16	1.000	0.00	1.50	2.017	2.02	86.0	0.0	42.7
148.5		1.00	1.10	24.285	26.71	131.33	1.000	0.00	1.50	1.987	1.99	84.9	0.0	42.1
150.0	Appertunance(s)	1.00	1.11	24.355	26.79	129.50	1.000	0.00	1.50	1.956	1.96	83.9	0.0	41.4



Load Case: 0.9D + 1.6W

95.00 mph with No Ice (Reduced DL)

27 Iterations

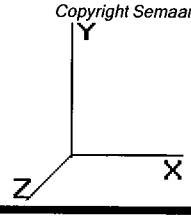
Gust Response Factor : 1.10
Dead Load Factor : 0.90
Wind Load Factor : 1.60

Wind Importance Factor : 1.00

* = Cf Adjusted By Linear Load Ra Effect

Totals:	150.00	14,222.0	0.0	26,281.8

Pole :	302523	Code: ANSI/TIA-222 Rev G	
Location :	New Milford CT 2, CT	Struct Class : II	
Height :	150.0 (ft)	Exposure Category : B	
Shape :	12 Sides	Topographic Category : 1	
Base Dia :	53.90 (in)		
Top Dia :	15.00 (in)		
Taper :	0.156700 (in/ft)	Base Elev : 0.000 (ft)	



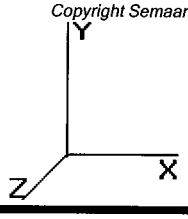
Load Case: 0.9D + 1.6W — 95.00 mph with No Ice (Reduced DL) — 27 Iterations

Gust Response Factor : 1.10
Dead Load Factor : 0.90
Wind Load Factor : 1.60
Wind Importance Factor : 1.00

Discrete Appurtenance Segment Forces (Factored)

Elev (ft)	Description	Qty	qz (psf)	qzGh (psf)	CaAa Factor	Ka	Total CaAa (sf)	Horiz Ecc (ft)	Vert Ecc (ft)	Wind FX (lb)	Mom Y (lb-ft)	Mom Z (lb-ft)	Dead Load (lb)
50.00	GPS	1	17.844	19.629	1.00	1.00	1.00	0.000	0.500	31.41	0.00	15.70	9.00
75.00	GPS	1	19.979	21.977	1.00	1.00	1.00	0.000	0.000	35.16	0.00	0.00	9.00
110.0	Round T-Arm	3	22.289	24.518	0.50	0.75	14.62	0.000	0.000	573.63	0.00	0.00	675.00
110.0	72" x 12" Panels	3	22.289	24.518	0.54	0.80	13.51	0.000	0.000	529.88	0.00	0.00	121.50
110.0	48" x 12" Panels	9	22.289	24.518	0.54	0.80	27.01	0.000	0.000	1,059.75	0.00	0.00	243.00
133.0	Decibel DB950F85E-M	4	23.532	25.885	0.59	0.80	10.04	0.000	0.000	415.83	0.00	0.00	43.20
133.0	Antel LPA-80080/6CF	4	23.532	25.885	0.49	0.80	17.76	0.000	0.000	735.68	0.00	0.00	75.60
133.0	Decibel DB950F65E-M	2	23.532	25.885	0.80	0.80	7.09	0.000	0.000	293.56	0.00	0.00	28.80
133.0	Antel LPA-80063/6CF	2	23.532	25.885	0.80	0.80	16.54	0.000	0.000	685.19	0.00	0.00	48.60
133.0	Round Low Profile Pl	1	23.532	25.885	0.90	1.00	19.53	0.000	0.000	808.85	0.00	0.00	1,350.00
140.0	Round Low Profile Pl	1	23.879	26.267	0.90	1.00	19.53	0.000	0.000	820.79	0.00	0.00	1,350.00
140.0	Decibel DB980H90E-M	9	23.879	26.267	0.63	0.80	22.18	0.000	0.000	932.30	0.00	0.00	68.85
150.0	ADC DD1900	9	24.447	26.892	0.40	0.80	4.61	0.000	2.000	198.27	0.00	396.53	98.01
150.0	CSS DUO1417-8686	9	24.447	26.892	0.54	0.80	31.79	0.000	2.000	1,367.82	0.00	2,735.65	164.43
150.0	Round Low Profile Pl	1	24.401	26.841	1.00	1.00	21.70	0.000	1.000	931.91	0.00	931.91	1,350.00
										9,420.03			5,634.99

Pole :	302523	Code: ANSI/TIA-222 Rev G	
Location :	New Milford CT 2, CT	Struct Class : II	
Height :	150.0 (ft)	Exposure Category : B	
Shape :	12 Sides	Topographic Category : 1	
Base Dia :	53.90 (in)		
Top Dia :	15.00 (in)		
Taper :	0.156700 (in/ft)	Base Elev : 0.000 (ft)	



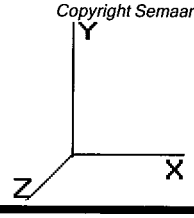
Load Case: 0.9D + 1.6W — 95.00 mph with No Ice (Reduced DL) — 27 Iterations

Gust Response Factor : 1.10
Dead Load Factor : 0.90
Wind Load Factor : 1.60
Wind Importance Factor : 1.00

Linear Appurtenance Segment Forces (Factored)

Seg Top Elev (ft)	Description	Exposed To Wind	Length (ft)	Ca	Exposed Width (in)	Area (sqft)	CaAa (sqft)	qz (psf)	Ra	Cf Adjust Factor	F X (lb)	Dead Load (lb)
6.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	15.364	0.000	0.000	0.00	0.14
6.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	15.364	0.000	0.000	0.00	0.30
7.50	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	15.364	0.000	0.000	0.00	0.20
7.50	(1) 7/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	15.364	0.000	0.000	0.00	0.45
9.00	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	15.364	0.000	0.000	0.00	0.20
9.00	(1) 7/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	15.364	0.000	0.000	0.00	0.45
10.50	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	15.364	0.000	0.000	0.00	0.20
10.50	(1) 7/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	15.364	0.000	0.000	0.00	0.45
12.00	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	15.364	0.000	0.000	0.00	0.20
12.00	(1) 7/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	15.364	0.000	0.000	0.00	0.45
13.50	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	15.364	0.000	0.000	0.00	0.20
13.50	(1) 7/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	15.364	0.000	0.000	0.00	0.45
15.00	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	15.364	0.000	0.000	0.00	0.20
15.00	(1) 7/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	15.364	0.000	0.000	0.00	0.45
16.50	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	15.364	0.000	0.000	0.00	0.20
16.50	(1) 7/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	15.364	0.000	0.000	0.00	0.45
18.00	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	15.364	0.000	0.000	0.00	0.20
18.00	(1) 7/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	15.364	0.000	0.000	0.00	0.45
19.50	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	15.364	0.000	0.000	0.00	0.20
19.50	(1) 7/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	15.364	0.000	0.000	0.00	0.45
21.00	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	15.364	0.000	0.000	0.00	0.20
21.00	(1) 7/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	15.364	0.000	0.000	0.00	0.45
22.50	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	15.364	0.000	0.000	0.00	0.20
22.50	(1) 7/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	15.364	0.000	0.000	0.00	0.45
24.00	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	15.364	0.000	0.000	0.00	0.20
24.00	(1) 7/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	15.364	0.000	0.000	0.00	0.45
25.50	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	15.364	0.000	0.000	0.00	0.20
25.50	(1) 7/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	15.364	0.000	0.000	0.00	0.45
27.00	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	15.364	0.000	0.000	0.00	0.20
27.00	(1) 7/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	15.364	0.000	0.000	0.00	0.45
28.50	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	15.364	0.000	0.000	0.00	0.20
28.50	(1) 7/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	15.364	0.000	0.000	0.00	0.45
30.00	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	15.377	0.000	0.000	0.00	0.20
30.00	(1) 7/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	15.377	0.000	0.000	0.00	0.45
31.50	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	15.593	0.000	0.000	0.00	0.20
31.50	(1) 7/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	15.593	0.000	0.000	0.00	0.45
33.00	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	15.802	0.000	0.000	0.00	0.20
33.00	(1) 7/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	15.802	0.000	0.000	0.00	0.45
34.50	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	16.004	0.000	0.000	0.00	0.20
34.50	(1) 7/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	16.004	0.000	0.000	0.00	0.45
36.00	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	16.199	0.000	0.000	0.00	0.20
36.00	(1) 7/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	16.199	0.000	0.000	0.00	0.45
37.50	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	16.389	0.000	0.000	0.00	0.20
37.50	(1) 7/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	16.389	0.000	0.000	0.00	0.45
39.00	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	16.574	0.000	0.000	0.00	0.20
39.00	(1) 7/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	16.574	0.000	0.000	0.00	0.45
40.50	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	16.754	0.000	0.000	0.00	0.20
40.50	(1) 7/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	16.754	0.000	0.000	0.00	0.45
42.00	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	16.929	0.000	0.000	0.00	0.20
42.00	(1) 7/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	16.929	0.000	0.000	0.00	0.45
43.50	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	17.099	0.000	0.000	0.00	0.20

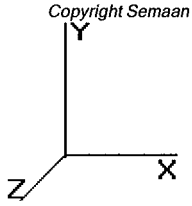
Pole :	302523	Code: ANSI/TIA-222 Rev G			
Location :	New Milford CT 2, CT	Struct Class : II			6/29/2009 5:05:28 PM
Height :	150.0 (ft)	Exposure Category : B			Page: 23
Shape :	12 Sides	Topographic Category : 1			
Base Dia :	53.90 (in)				
Top Dia :	15.00 (in)				
Taper :	0.156700 (in/ft)	Base Elev : 0.000 (ft)			



Load Case: 0.9D + 1.6W — 95.00 mph with No Ice (Reduced DL) — 27 Iterations

Gust Response Factor : 1.10
Dead Load Factor : 0.90
Wind Load Factor : 1.60
Wind Importance Factor : 1.00

43.50	(1) 7/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	17.099	0.000	0.000	0.00	0.45
45.00	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	17.266	0.000	0.000	0.00	0.20
45.00	(1) 7/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	17.266	0.000	0.000	0.00	0.45
46.50	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	17.428	0.000	0.000	0.00	0.20
46.50	(1) 7/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	17.428	0.000	0.000	0.00	0.45
48.00	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	17.587	0.000	0.000	0.00	0.20
48.00	(1) 7/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	17.587	0.000	0.000	0.00	0.45
49.50	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	17.742	0.000	0.000	0.00	0.20
49.50	(1) 7/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	17.742	0.000	0.000	0.00	0.45
50.00	(1) 1/2" Coax	Yes	0.50	0.000	0.00	0.00	0.00	17.793	0.000	0.000	0.00	0.07
50.00	(1) 7/8" Coax	Yes	0.50	0.000	0.00	0.00	0.00	17.793	0.000	0.000	0.00	0.15
51.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	17.894	0.000	0.000	0.00	0.14
52.50	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	18.043	0.000	0.000	0.00	0.20
54.00	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	18.189	0.000	0.000	0.00	0.20
55.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	18.285	0.000	0.000	0.00	0.14
55.50	(1) 1/2" Coax	Yes	0.50	0.000	0.00	0.00	0.00	18.332	0.000	0.000	0.00	0.07
57.00	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	18.472	0.000	0.000	0.00	0.20
58.50	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	18.610	0.000	0.000	0.00	0.20
60.00	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	18.745	0.000	0.000	0.00	0.20
61.50	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	18.878	0.000	0.000	0.00	0.20
63.00	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	19.008	0.000	0.000	0.00	0.20
64.50	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	19.136	0.000	0.000	0.00	0.20
66.00	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	19.262	0.000	0.000	0.00	0.20
67.50	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	19.386	0.000	0.000	0.00	0.20
69.00	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	19.509	0.000	0.000	0.00	0.20
70.50	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	19.629	0.000	0.000	0.00	0.20
72.00	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	19.747	0.000	0.000	0.00	0.20
73.50	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	19.864	0.000	0.000	0.00	0.20
75.00	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	19.979	0.000	0.000	0.00	0.20
79.50	(4) #20 Dywidag Bars	Yes	0.50	0.000	6.00	0.25	0.00	20.314	0.054	0.000	0.00	30.06
79.50	(1) Seam Flange	Yes	0.50	0.000	0.00	0.00	0.00	20.314	0.054	0.000	0.00	13.78
81.00	(4) #20 Dywidag Bars	Yes	1.50	0.000	6.00	0.75	0.00	20.423	0.164	1.193	0.00	90.18
81.00	(1) Seam Flange	Yes	1.50	0.000	0.00	0.00	0.00	20.423	0.164	1.193	0.00	41.35
82.50	(4) #20 Dywidag Bars	Yes	1.50	0.000	6.00	0.75	0.00	20.530	0.165	1.196	0.00	90.18
82.50	(1) Seam Flange	Yes	1.50	0.000	0.00	0.00	0.00	20.530	0.165	1.196	0.00	41.35
84.00	(4) #20 Dywidag Bars	Yes	1.50	0.000	6.00	0.75	0.00	20.636	0.167	1.200	0.00	90.18
84.00	(1) Seam Flange	Yes	1.50	0.000	0.00	0.00	0.00	20.636	0.167	1.200	0.00	41.35
84.11	(4) #20 Dywidag Bars	Yes	0.11	0.000	6.00	0.05	0.00	20.644	0.167	1.202	0.00	6.61
84.11	(1) Seam Flange	Yes	0.11	0.000	0.00	0.00	0.00	20.644	0.167	1.202	0.00	3.03
85.00	(4) #20 Dywidag Bars	Yes	0.89	0.000	6.00	0.45	0.00	20.706	0.168	1.203	0.00	53.51
85.00	(1) Seam Flange	Yes	0.89	0.000	0.00	0.00	0.00	20.706	0.168	1.203	0.00	24.54
85.50	(12) 1 5/8" Coax	Yes	0.50	1.200	3.98	0.17	0.20	20.741	0.535	0.000	7.26	4.43
85.50	(12) 1 5/8" Coax	Yes	0.50	1.200	3.98	0.17	0.20	20.741	0.535	0.000	7.26	4.43
85.50	(4) #20 Dywidag Bars	Yes	0.50	2.000	6.00	0.25	0.50	20.741	0.535	0.000	18.25	30.06
87.00	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	0.50	0.60	20.844	0.539	0.000	21.90	13.28
87.00	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	0.50	0.60	20.844	0.539	0.000	21.90	13.28
87.00	(4) #20 Dywidag Bars	Yes	1.50	2.000	6.00	0.75	1.50	20.844	0.539	0.000	55.03	90.18
88.50	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	0.50	0.60	20.946	0.544	0.000	22.01	13.28
88.50	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	0.50	0.60	20.946	0.544	0.000	22.01	13.28
88.50	(4) #20 Dywidag Bars	Yes	1.50	2.000	6.00	0.75	1.50	20.946	0.544	0.000	55.30	90.18
90.00	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	0.50	0.60	21.047	0.549	0.000	22.11	13.28
90.00	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	0.50	0.60	21.047	0.549	0.000	22.11	13.28
90.00	(4) #20 Dywidag Bars	Yes	1.50	2.000	6.00	0.75	1.50	21.047	0.549	0.000	55.56	90.18
91.50	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	0.50	0.60	21.147	0.555	0.000	22.22	13.28
91.50	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	0.50	0.60	21.147	0.555	0.000	22.22	13.28
91.50	(4) #20 Dywidag Bars	Yes	1.50	2.000	6.00	0.75	1.50	21.147	0.555	0.000	55.83	90.18
93.00	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	0.50	0.60	21.245	0.560	0.000	22.32	13.28

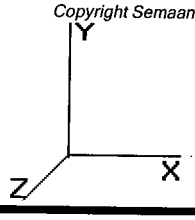


Load Case: 0.9D + 1.6W — 95.00 mph with No Ice (Reduced DL) — 27 Iterations

Gust Response Factor : 1.10
Dead Load Factor : 0.90
Wind Load Factor : 1.60
Wind Importance Factor : 1.00

93.00	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	0.50	0.60	21.245	0.560	0.000	22.32	13.28
93.00	(4) #20 Dywidag Bars	Yes	1.50	2.000	6.00	0.75	1.50	21.245	0.560	0.000	56.09	90.18
94.50	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	0.50	0.60	21.343	0.566	0.000	22.43	13.28
94.50	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	0.50	0.60	21.343	0.566	0.000	22.43	13.28
94.50	(4) #20 Dywidag Bars	Yes	1.50	2.000	6.00	0.75	1.50	21.343	0.566	0.000	56.34	90.18
96.00	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	0.50	0.60	21.439	0.571	0.000	22.53	13.28
96.00	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	0.50	0.60	21.439	0.571	0.000	22.53	13.28
96.00	(4) #20 Dywidag Bars	Yes	1.50	2.000	6.00	0.75	1.50	21.439	0.571	0.000	56.60	90.18
97.50	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	0.50	0.60	21.534	0.577	0.000	22.63	13.28
97.50	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	0.50	0.60	21.534	0.577	0.000	22.63	13.28
97.50	(4) #20 Dywidag Bars	Yes	1.50	2.000	6.00	0.75	1.50	21.534	0.577	0.000	56.85	90.18
99.00	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	0.50	0.60	21.628	0.583	0.000	22.73	13.28
99.00	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	0.50	0.60	21.628	0.583	0.000	22.73	13.28
99.00	(4) #20 Dywidag Bars	Yes	1.50	2.000	6.00	0.75	1.50	21.628	0.583	0.000	57.10	90.18
100.5	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	0.50	0.60	21.721	0.505	0.000	22.82	13.28
100.5	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	0.50	0.60	21.721	0.505	0.000	22.82	13.28
100.5	(4) #20 Dywidag Bars	Yes	1.00	2.000	6.00	0.50	1.00	21.721	0.505	0.000	38.23	60.12
102.0	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	0.50	0.60	21.814	0.340	0.000	22.92	13.28
102.0	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	0.50	0.60	21.814	0.340	0.000	22.92	13.28
103.5	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	0.50	0.60	21.905	0.343	0.000	23.02	13.28
103.5	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	0.50	0.60	21.905	0.343	0.000	23.02	13.28
105.0	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	0.50	0.60	21.995	0.347	0.000	23.11	13.28
105.0	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	0.50	0.60	21.995	0.347	0.000	23.11	13.28
106.5	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	0.50	0.60	22.084	0.351	0.000	23.20	13.28
106.5	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	0.50	0.60	22.084	0.351	0.000	23.20	13.28
108.0	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	0.50	0.60	22.173	0.355	0.000	23.30	13.28
108.0	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	0.50	0.60	22.173	0.355	0.000	23.30	13.28
109.5	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	0.50	0.60	22.260	0.358	0.000	23.39	13.28
109.5	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	0.50	0.60	22.260	0.358	0.000	23.39	13.28
110.0	(12) 1 5/8" Coax	Yes	0.50	1.200	3.98	0.17	0.20	22.289	0.361	0.000	7.81	4.43
110.0	(12) 1 5/8" Coax	Yes	0.50	1.200	3.98	0.17	0.20	22.289	0.361	0.000	7.81	4.43
111.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.98	0.33	0.00	22.347	0.182	1.245	0.00	8.85
112.5	(12) 1 5/8" Coax	Yes	1.50	0.000	3.98	0.50	0.00	22.433	0.183	1.250	0.00	13.28
114.0	(12) 1 5/8" Coax	Yes	1.50	0.000	3.98	0.50	0.00	22.518	0.185	1.256	0.00	13.28
115.5	(12) 1 5/8" Coax	Yes	1.50	0.000	3.98	0.50	0.00	22.602	0.187	1.262	0.00	13.28
117.0	(12) 1 5/8" Coax	Yes	1.50	0.000	3.98	0.50	0.00	22.686	0.190	1.269	0.00	13.28
118.5	(12) 1 5/8" Coax	Yes	1.50	0.000	3.98	0.50	0.00	22.768	0.192	1.276	0.00	13.28
120.0	(12) 1 5/8" Coax	Yes	1.50	0.000	3.98	0.50	0.00	22.850	0.194	1.282	0.00	13.28
121.5	(12) 1 5/8" Coax	Yes	1.50	0.000	3.98	0.50	0.00	22.932	0.196	1.289	0.00	13.28
123.0	(12) 1 5/8" Coax	Yes	1.50	0.000	3.98	0.50	0.00	23.012	0.199	1.296	0.00	13.28
124.5	(12) 1 5/8" Coax	Yes	1.50	1.188	3.98	0.50	0.59	23.092	0.201	0.000	24.02	13.28
126.0	(12) 1 5/8" Coax	Yes	1.50	1.186	3.98	0.50	0.59	23.171	0.204	0.000	24.07	13.28
127.5	(12) 1 5/8" Coax	Yes	1.50	1.184	3.98	0.50	0.59	23.250	0.206	0.000	24.11	13.28
129.0	(12) 1 5/8" Coax	Yes	1.50	1.182	3.98	0.50	0.59	23.327	0.209	0.000	24.15	13.28
130.5	(12) 1 5/8" Coax	Yes	1.50	1.180	3.98	0.50	0.59	23.405	0.212	0.000	24.19	13.28
132.0	(12) 1 5/8" Coax	Yes	1.50	1.178	3.98	0.50	0.59	23.481	0.214	0.000	24.23	13.28
133.0	(12) 1 5/8" Coax	Yes	1.00	1.177	3.98	0.33	0.39	23.532	0.217	0.000	16.17	8.85
										Totals:	1,477.51	2,097.14

Pole :	302523	Code: ANSI/TIA-222 Rev G	
Location :	New Milford CT 2, CT	Struct Class : II	
Height :	150.0 (ft)	Exposure Category : B	
Shape :	12 Sides	Topographic Category : 1	
Base Dia :	53.90 (in)		
Top Dia :	15.00 (in)		
Taper :	0.156700 (in/ft)	Base Elev : 0.000 (ft)	

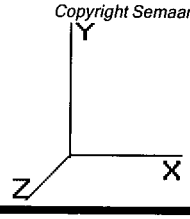


Load Case: 0.9D + 1.6W — 95.00 mph with No Ice (Reduced DL) — 27 Iterations

Gust Response Factor : 1.10
Dead Load Factor : 0.90
Wind Load Factor : 1.60
Wind Importance Factor : 1.00

Applied Segment Forces Summary

Seg Elev (ft)	Lateral FX (-) (lb)	Axial FY (-) (lb)	Torsion MY (lb-ft)	Moment MZ (lb-ft)
0.00	0.00	0.00	0.00	0.00
1.50	187.13	584.92	0.00	0.00
3.00	184.15	575.48	0.00	0.00
4.50	181.17	566.05	0.00	0.00
6.00	178.20	586.50	0.00	0.00
7.50	175.22	592.01	0.00	0.00
9.00	172.24	582.57	0.00	0.00
10.50	169.27	573.14	0.00	0.00
12.00	166.29	563.70	0.00	0.00
13.50	163.32	554.26	0.00	0.00
15.00	160.34	544.83	0.00	0.00
16.50	159.14	500.32	0.00	0.00
18.00	158.29	497.84	0.00	0.00
19.50	157.44	495.36	0.00	0.00
21.00	156.58	492.88	0.00	0.00
22.50	155.73	490.41	0.00	0.00
24.00	154.88	487.93	0.00	0.00
25.50	154.03	485.45	0.00	0.00
27.00	153.17	482.97	0.00	0.00
28.50	152.32	480.49	0.00	0.00
30.00	151.59	478.01	0.00	0.00
31.50	152.86	475.53	0.00	0.00
33.00	154.02	473.05	0.00	0.00
34.50	155.11	470.57	0.00	0.00
36.00	156.10	468.10	0.00	0.00
37.50	157.02	465.62	0.00	0.00
39.00	157.87	463.14	0.00	0.00
40.50	158.66	460.66	0.00	0.00
42.00	159.37	458.18	0.00	0.00
43.50	160.03	455.70	0.00	0.00
45.00	160.63	453.22	0.00	0.00
46.50	161.17	450.74	0.00	0.00
48.00	161.67	448.27	0.00	0.00
49.50	162.11	445.79	0.00	0.00
50.00	85.38	157.04	0.00	15.70
51.00	108.22	294.97	0.00	0.00
52.50	162.85	440.38	0.00	0.00
54.00	163.16	437.90	0.00	0.00
55.00	108.78	290.56	0.00	0.00
55.50	54.78	134.16	0.00	0.00
57.00	164.91	400.96	0.00	0.00
58.50	165.10	398.70	0.00	0.00
60.00	165.25	396.43	0.00	0.00
61.50	165.36	394.17	0.00	0.00
63.00	165.45	391.90	0.00	0.00
64.50	165.49	389.64	0.00	0.00
66.00	165.51	387.37	0.00	0.00
67.50	165.49	385.11	0.00	0.00
69.00	165.45	382.84	0.00	0.00
70.50	165.37	380.58	0.00	0.00



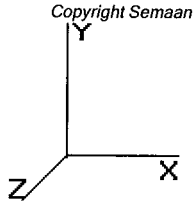
Load Case: 0.9D + 1.6W — 95.00 mph with No Ice (Reduced DL) — 27 Iterations

Gust Response Factor : 1.10
Dead Load Factor : 0.90
Wind Load Factor : 1.60

Wind Importance Factor : 1.00

72.00	165.27	378.31	0.00	0.00
73.50	165.14	376.05	0.00	0.00
75.00	200.14	382.78	0.00	0.00
76.50	164.79	306.81	0.00	0.00
78.00	164.58	305.00	0.00	0.00
79.50	164.35	347.03	0.00	0.00
81.00	164.09	432.91	0.00	0.00
82.50	163.80	431.09	0.00	0.00
84.00	163.50	429.28	0.00	0.00
84.11	11.94	31.38	0.00	0.00
85.00	96.75	298.39	0.00	0.00
85.50	80.38	100.58	0.00	0.00
87.00	241.43	301.15	0.00	0.00
88.50	241.25	300.26	0.00	0.00
90.00	241.04	299.38	0.00	0.00
91.50	240.80	298.50	0.00	0.00
93.00	240.53	297.62	0.00	0.00
94.50	240.24	296.73	0.00	0.00
96.00	239.93	220.70	0.00	0.00
97.50	239.59	219.82	0.00	0.00
99.00	239.22	218.93	0.00	0.00
100.5	219.72	187.99	0.00	0.00
102.0	180.84	126.99	0.00	0.00
103.5	180.16	126.10	0.00	0.00
105.0	179.47	125.22	0.00	0.00
106.5	178.76	124.34	0.00	0.00
108.0	178.02	123.46	0.00	0.00
109.5	177.27	122.57	0.00	0.00
110.0	2,222.10	1,080.16	0.00	0.00
111.0	71.84	59.40	0.00	0.00
112.5	107.18	88.56	0.00	0.00
114.0	106.38	87.91	0.00	0.00
115.5	105.57	87.26	0.00	0.00
117.0	104.75	86.61	0.00	0.00
118.5	103.92	85.96	0.00	0.00
120.0	103.07	85.31	0.00	0.00
121.5	102.21	84.66	0.00	0.00
123.0	101.34	84.01	0.00	0.00
124.5	144.58	83.36	0.00	0.00
126.0	143.55	82.71	0.00	0.00
127.5	142.51	82.06	0.00	0.00
129.0	141.45	81.41	0.00	0.00
130.5	140.38	80.76	0.00	0.00
132.0	139.29	80.10	0.00	0.00
133.0	3,031.31	1,599.24	0.00	0.00
133.5	31.51	21.99	0.00	0.00
135.0	93.98	65.52	0.00	0.00
136.5	93.02	64.87	0.00	0.00
138.0	92.04	64.22	0.00	0.00
139.5	91.05	63.57	0.00	0.00
140.0	1,783.19	1,439.90	0.00	0.00
141.0	59.89	35.23	0.00	0.00
142.5	89.04	52.31	0.00	0.00
144.0	88.02	51.66	0.00	0.00
145.5	87.00	51.01	0.00	0.00
147.0	85.96	50.36	0.00	0.00
148.5	84.91	49.71	0.00	0.00

Pole :	302523	Code: ANSI/TIA-222 Rev G	
Location :	New Milford CT 2, CT	Struct Class : II	
Height :	150.0 (ft)	Exposure Category : B	
Shape :	12 Sides	Topographic Category : 1	
Base Dia :	53.90 (in)		
Top Dia :	15.00 (in)		
Taper :	0.156700 (in/ft)	Base Elev : 0.000 (ft)	



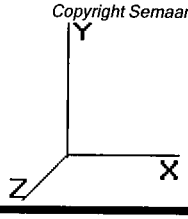
Load Case: 0.9D + 1.6W — 95.00 mph with No Ice (Reduced DL) — 27 Iterations

Gust Response Factor : 1.10
Dead Load Factor : 0.90
Wind Load Factor : 1.60

Wind Importance Factor : 1.00

150.0		2,581.86	1,661.50	0.00	4,064.09
	Totals:	25,119.57	37,067.10	0.00	4,079.80

Pole :	302523	Code: ANSI/TIA-222 Rev G	
Location :	New Milford CT 2, CT	Struct Class : II	
Height :	150.0 (ft)	Exposure Category : B	
Shape :	12 Sides	Topographic Category : 1	
Base Dia :	53.90 (in)		
Top Dia :	15.00 (in)		
Taper :	0.156700 (in/ft)	Base Elev : 0.000 (ft)	



Load Case: 0.9D + 1.6W — 95.00 mph with No Ice (Reduced DL) — 27 Iterations

Gust Response Factor : 1.10
Dead Load Factor : 0.90
Wind Load Factor : 1.60
Wind Importance Factor : 1.00

Calculated Forces

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-37.06	-25.12	0.00	-2,424.01	0.00	2,424.01	4,435.89	2,217.94	9,673.15	4,777.21	0.00	0.00	0.516
1.50	-36.47	-24.95	0.00	-2,386.33	0.00	2,386.33	4,364.90	2,182.45	9,363.93	4,624.50	0.00	-0.02	0.525
3.00	-35.88	-24.78	0.00	-2,348.90	0.00	2,348.90	4,293.92	2,146.96	9,059.74	4,474.26	0.01	-0.05	0.533
4.50	-35.31	-24.61	0.00	-2,311.73	0.00	2,311.73	4,222.94	2,111.47	8,760.56	4,326.51	0.03	-0.07	0.543
6.00	-34.71	-24.45	0.00	-2,274.81	0.00	2,274.81	4,151.95	2,075.98	8,466.41	4,181.24	0.06	-0.09	0.553
7.50	-34.11	-24.29	0.00	-2,238.13	0.00	2,238.13	4,080.97	2,040.49	8,177.29	4,038.46	0.09	-0.12	0.563
9.00	-33.51	-24.13	0.00	-2,201.70	0.00	2,201.70	4,009.99	2,004.99	7,893.18	3,898.15	0.13	-0.14	0.573
10.50	-32.93	-23.98	0.00	-2,165.50	0.00	2,165.50	3,939.01	1,969.50	7,614.11	3,760.32	0.18	-0.17	0.584
12.00	-32.35	-23.83	0.00	-2,129.53	0.00	2,129.53	3,868.02	1,934.01	7,340.05	3,624.98	0.24	-0.20	0.596
13.50	-31.79	-23.68	0.00	-2,093.79	0.00	2,093.79	3,797.04	1,898.52	7,071.02	3,492.11	0.31	-0.23	0.608
15.00	-31.23	-23.53	0.00	-2,058.28	0.00	2,058.28	3,726.06	1,863.03	6,807.01	3,361.73	0.39	-0.26	0.621
15.00	-31.23	-23.53	0.00	-2,058.28	0.00	2,058.28	3,726.06	1,863.03	6,807.01	3,361.73	0.39	-0.26	0.640
16.50	-30.72	-23.39	0.00	-2,022.98	0.00	2,022.98	3,568.76	1,784.38	6,532.18	3,226.00	0.47	-0.29	0.636
18.00	-30.21	-23.24	0.00	-1,987.90	0.00	1,987.90	3,549.29	1,774.64	6,460.55	3,190.62	0.57	-0.33	0.632
19.50	-29.70	-23.10	0.00	-1,953.04	0.00	1,953.04	3,529.81	1,764.91	6,389.31	3,155.44	0.68	-0.36	0.628
21.00	-29.19	-22.96	0.00	-1,918.39	0.00	1,918.39	3,510.34	1,755.17	6,318.47	3,120.45	0.80	-0.39	0.623
22.50	-28.69	-22.82	0.00	-1,883.95	0.00	1,883.95	3,490.86	1,745.43	6,248.02	3,085.66	0.93	-0.43	0.619
24.00	-28.19	-22.67	0.00	-1,849.73	0.00	1,849.73	3,471.39	1,735.69	6,177.97	3,051.06	1.07	-0.46	0.615
25.50	-27.69	-22.53	0.00	-1,815.72	0.00	1,815.72	3,451.91	1,725.96	6,108.31	3,016.66	1.22	-0.50	0.610
27.00	-27.20	-22.39	0.00	-1,781.92	0.00	1,781.92	3,432.44	1,716.22	6,039.04	2,982.46	1.38	-0.53	0.606
28.50	-26.71	-22.25	0.00	-1,748.33	0.00	1,748.33	3,412.97	1,706.48	5,970.18	2,948.45	1.55	-0.56	0.601
30.00	-26.22	-22.11	0.00	-1,714.96	0.00	1,714.96	3,393.49	1,696.75	5,901.70	2,914.63	1.73	-0.60	0.596
31.50	-25.73	-21.97	0.00	-1,681.80	0.00	1,681.80	3,374.02	1,687.01	5,833.62	2,881.01	1.93	-0.63	0.592
33.00	-25.25	-21.82	0.00	-1,648.85	0.00	1,648.85	3,354.54	1,677.27	5,765.94	2,847.58	2.13	-0.66	0.587
34.50	-24.76	-21.67	0.00	-1,616.12	0.00	1,616.12	3,335.07	1,667.53	5,698.65	2,814.35	2.34	-0.70	0.582
36.00	-24.29	-21.53	0.00	-1,583.61	0.00	1,583.61	3,315.59	1,657.80	5,631.76	2,781.32	2.57	-0.73	0.577
37.50	-23.81	-21.38	0.00	-1,551.32	0.00	1,551.32	3,296.12	1,648.06	5,565.26	2,748.47	2.80	-0.76	0.572
39.00	-23.34	-21.23	0.00	-1,519.25	0.00	1,519.25	3,276.65	1,638.32	5,499.16	2,715.83	3.05	-0.80	0.567
40.50	-22.87	-21.07	0.00	-1,487.41	0.00	1,487.41	3,257.17	1,628.59	5,433.45	2,683.38	3.30	-0.83	0.561
42.00	-22.40	-20.92	0.00	-1,455.80	0.00	1,455.80	3,237.70	1,618.85	5,368.14	2,651.12	3.57	-0.86	0.556
43.50	-21.93	-20.77	0.00	-1,424.42	0.00	1,424.42	3,218.22	1,609.11	5,303.22	2,619.06	3.85	-0.89	0.551
45.00	-21.47	-20.61	0.00	-1,393.27	0.00	1,393.27	3,198.75	1,599.37	5,238.70	2,587.20	4.13	-0.93	0.545
46.50	-21.01	-20.45	0.00	-1,362.35	0.00	1,362.35	3,179.28	1,589.64	5,174.57	2,555.53	4.43	-0.96	0.540
48.00	-20.56	-20.30	0.00	-1,331.67	0.00	1,331.67	3,159.80	1,579.90	5,110.84	2,524.05	4.74	-0.99	0.534
49.50	-20.10	-20.13	0.00	-1,301.23	0.00	1,301.23	3,140.33	1,570.16	5,047.50	2,492.77	5.05	-1.02	0.529
50.00	-19.94	-20.05	0.00	-1,291.14	0.00	1,291.14	3,133.84	1,566.92	5,026.47	2,482.39	5.16	-1.03	0.527
51.00	-19.64	-19.95	0.00	-1,271.09	0.00	1,271.09	3,120.85	1,560.43	4,984.56	2,461.68	5.38	-1.06	0.523
52.50	-19.19	-19.79	0.00	-1,241.17	0.00	1,241.17	3,101.38	1,550.69	4,922.01	2,430.79	5.72	-1.09	0.517
54.00	-18.75	-19.62	0.00	-1,211.49	0.00	1,211.49	3,081.90	1,540.95	4,859.85	2,400.10	6.06	-1.12	0.511
55.00	-18.46	-19.51	0.00	-1,191.87	0.00	1,191.87	3,068.92	1,534.46	4,818.64	2,379.74	6.30	-1.14	0.507
55.00	-18.46	-19.51	0.00	-1,191.87	0.00	1,191.87	3,068.92	1,534.46	4,818.64	2,379.74	6.30	-1.14	0.602
55.50	-18.32	-19.46	0.00	-1,182.11	0.00	1,182.11	2,550.94	1,275.47	4,041.54	1,995.96	6.42	-1.15	0.600
57.00	-17.91	-19.30	0.00	-1,152.91	0.00	1,152.91	2,534.79	1,267.40	3,990.12	1,970.57	6.79	-1.18	0.592
58.50	-17.50	-19.14	0.00	-1,123.96	0.00	1,123.96	2,518.64	1,259.32	3,939.02	1,945.34	7.16	-1.22	0.585
60.00	-17.10	-18.97	0.00	-1,095.26	0.00	1,095.26	2,502.49	1,251.24	3,888.26	1,920.27	7.55	-1.25	0.577
61.50	-16.70	-18.81	0.00	-1,066.79	0.00	1,066.79	2,486.33	1,243.17	3,837.83	1,895.36	7.95	-1.28	0.570
63.00	-16.30	-18.64	0.00	-1,038.58	0.00	1,038.58	2,470.18	1,235.09	3,787.72	1,870.61	8.36	-1.32	0.562
64.50	-15.90	-18.48	0.00	-1,010.61	0.00	1,010.61	2,454.03	1,227.02	3,737.95	1,846.03	8.78	-1.35	0.554
66.00	-15.51	-18.31	0.00	-982.89	0.00	982.89	2,437.88	1,218.94	3,688.50	1,821.61	9.21	-1.38	0.546
67.50	-15.12	-18.15	0.00	-955.42	0.00	955.42	2,421.73	1,210.86	3,639.38	1,797.35	9.65	-1.41	0.538
69.00	-14.73	-17.98	0.00	-928.20	0.00	928.20	2,405.57	1,202.79	3,590.59	1,773.26	10.10	-1.44	0.530

Pole :	302523	Code: ANSI/TIA-222 Rev G	
Location :	New Milford CT 2, CT	Struct Class : II	
Height :	150.0 (ft)	Exposure Category : B	
Shape :	12 Sides	Topographic Category : 1	
Base Dia :	53.90 (in)		
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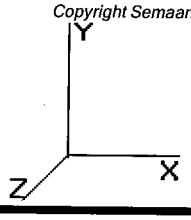


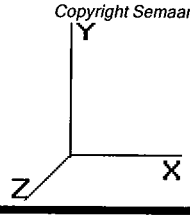
Load Case: 0.9D + 1.6W — 95.00 mph with No Ice (Reduced DL) — 27 Iterations

Gust Response Factor : 1.10
Dead Load Factor : 0.90
Wind Load Factor : 1.60

Wind Importance Factor : 1.00

70.50	-14.34	-17.81	0.00	-901.24	0.00	901.24	2,389.42	1,194.71	3,542.14	1,749.33	10.55	-1.48	0.521
72.00	-13.96	-17.65	0.00	-874.52	0.00	874.52	2,373.27	1,186.64	3,494.01	1,725.56	11.02	-1.51	0.513
73.50	-13.58	-17.48	0.00	-848.05	0.00	848.05	2.357.12	1.178.56	3.446.21	1.701.95	11.50	-1.54	0.504
75.00	-13.19	-17.27	0.00	-821.83	0.00	821.83	2,340.97	1,170.48	3,398.74	1,678.51	11.99	-1.57	0.495
75.00	-13.19	-17.27	0.00	-821.83	0.00	821.83	2,340.97	1,170.48	3,398.74	1,678.51	11.99	-1.57	0.552
76.50	-12.88	-17.11	0.00	-795.92	0.00	795.92	2,071.54	1,035.77	3,007.65	1,485.37	12.49	-1.60	0.542
78.00	-12.57	-16.94	0.00	-770.26	0.00	770.26	2,057.20	1,028.60	2,965.86	1,464.73	12.99	-1.63	0.532
79.50	-12.22	-16.78	0.00	-744.85	0.00	744.85	2,042.86	1,021.43	2,924.37	1,444.24	13.51	-1.67	0.522
81.00	-11.78	-16.61	0.00	-719.68	0.00	719.68	2.028.52	1.014.26	2.883.16	1.423.89	14.04	-1.71	0.512
82.50	-11.34	-16.44	0.00	-694.77	0.00	694.77	2,014.17	1,007.09	2,842.25	1,403.68	14.59	-1.74	0.501
84.00	-10.91	-16.26	0.00	-670.12	0.00	670.12	1,999.83	999.92	2,801.63	1,383.62	15.14	-1.78	0.490
84.11	-10.88	-16.25	0.00	-668.33	0.00	668.33	1,998.78	999.39	2,798.67	1,382.16	15.18	-1.78	0.489
85.00	-10.58	-16.15	0.00	-653.86	0.00	653.86	1,990.27	995.14	2,774.71	1,370.33	15.51	-1.80	0.306
85.00	-10.58	-16.15	0.00	-653.86	0.00	653.86	1,990.27	995.14	2,774.71	1,370.33	15.51	-1.80	0.284
85.50	-10.47	-16.07	0.00	-645.79	0.00	645.79	1,172.62	586.31	1,202.80	594.02	15.70	-1.81	0.372
87.00	-10.16	-15.83	0.00	-621.68	0.00	621.68	1.161.37	580.69	1.179.73	582.62	16.28	-1.86	0.361
88.50	-9.85	-15.59	0.00	-597.93	0.00	597.93	1,150.13	575.06	1,156.88	571.34	16.87	-1.92	0.350
90.00	-9.55	-15.35	0.00	-574.54	0.00	574.54	1,138.88	569.44	1,134.25	560.17	17.49	-1.97	0.339
91.50	-9.25	-15.11	0.00	-551.52	0.00	551.52	1,127.63	563.82	1,111.85	549.10	18.12	-2.03	0.328
93.00	-8.94	-14.86	0.00	-528.86	0.00	528.86	1.116.39	558.19	1.089.67	538.15	18.76	-2.08	0.317
94.50	-8.64	-14.62	0.00	-506.57	0.00	506.57	1.116.39	558.19	1.089.67	538.15	19.43	-2.13	0.306
94.50	-8.64	-14.62	0.00	-506.57	0.00	506.57	1.116.39	558.19	1.089.67	538.15	19.43	-2.13	0.969
96.00	-8.40	-14.39	0.00	-484.64	0.00	484.64	1.093.90	546.95	1.045.98	516.57	20.10	-2.18	0.947
97.50	-8.16	-14.16	0.00	-463.06	0.00	463.06	1,082.65	541.33	1,024.47	505.95	20.82	-2.34	0.923
99.00	-7.91	-13.93	0.00	-441.82	0.00	441.82	1,071.41	535.70	1,003.19	495.44	21.58	-2.49	0.900
100.50	-7.70	-13.73	0.00	-420.91	0.00	420.91	1,060.16	530.08	982.13	485.04	22.38	-2.65	0.876
102.00	-7.54	-13.56	0.00	-400.33	0.00	400.33	1,048.91	524.46	961.29	474.74	23.24	-2.80	0.851
103.50	-7.39	-13.39	0.00	-379.99	0.00	379.99	1,037.67	518.83	940.67	464.56	24.14	-2.94	0.826
105.00	-7.24	-13.22	0.00	-359.90	0.00	359.90	1.026.42	513.21	920.28	454.49	25.09	-3.09	0.800
106.50	-7.10	-13.06	0.00	-340.06	0.00	340.06	1,015.18	507.59	900.11	444.53	26.08	-3.23	0.773
108.00	-6.95	-12.89	0.00	-320.48	0.00	320.48	1,003.93	501.97	880.17	434.68	27.12	-3.36	0.745
109.50	-6.82	-12.71	0.00	-301.15	0.00	301.15	992.69	496.34	860.45	424.94	28.20	-3.50	0.716
110.00	-5.87	-10.44	0.00	-294.79	0.00	294.79	988.94	494.47	853.92	421.72	28.56	-3.54	0.705
110.00	-5.87	-10.44	0.00	-294.79	0.00	294.79	988.94	494.47	853.92	421.72	28.56	-3.54	0.932
111.00	-5.79	-10.37	0.00	-284.35	0.00	284.35	738.40	369.20	636.59	314.39	29.31	-3.63	0.913
112.50	-5.68	-10.28	0.00	-268.79	0.00	268.79	730.12	365.06	622.33	307.35	30.48	-3.79	0.883
114.00	-5.57	-10.18	0.00	-253.38	0.00	253.38	721.84	360.92	608.24	300.39	31.70	-3.96	0.852
115.50	-5.46	-10.09	0.00	-238.10	0.00	238.10	713.56	356.78	594.31	293.51	32.97	-4.12	0.820
117.00	-5.36	-9.99	0.00	-222.98	0.00	222.98	705.28	352.64	580.53	286.70	34.29	-4.27	0.786
118.50	-5.26	-9.89	0.00	-207.99	0.00	207.99	697.01	348.50	566.92	279.98	35.65	-4.42	0.751
120.00	-5.15	-9.80	0.00	-193.16	0.00	193.16	688.73	344.36	553.48	273.34	37.06	-4.57	0.715
121.50	-5.06	-9.70	0.00	-178.46	0.00	178.46	680.45	340.22	540.19	266.78	38.52	-4.71	0.677
123.00	-4.96	-9.60	0.00	-163.91	0.00	163.91	672.17	336.09	527.06	260.30	40.02	-4.84	0.638
124.50	-4.87	-9.46	0.00	-149.51	0.00	149.51	663.89	331.95	514.10	253.89	41.56	-4.96	0.597
126.00	-4.78	-9.32	0.00	-135.32	0.00	135.32	655.62	327.81	501.30	247.57	43.13	-5.08	0.555
127.50	-4.69	-9.18	0.00	-121.34	0.00	121.34	647.34	323.67	488.65	241.33	44.75	-5.19	0.511
129.00	-4.61	-9.04	0.00	-107.57	0.00	107.57	639.06	319.53	476.17	235.16	46.40	-5.30	0.465
130.50	-4.53	-8.90	0.00	-94.01	0.00	94.01	630.78	315.39	463.86	229.08	48.07	-5.39	0.418
132.00	-4.45	-8.76	0.00	-80.66	0.00	80.66	622.50	311.25	451.70	223.08	49.78	-5.48	0.370
133.00	-3.15	-5.59	0.00	-71.90	0.00	71.90	616.99	308.49	443.68	219.12	50.93	-5.53	0.334
133.50	-3.12	-5.56	0.00	-69.10	0.00	69.10	614.23	307.11	439.70	217.15	51.51	-5.55	0.324
135.00	-3.06	-5.46	0.00	-60.76	0.00	60.76	605.95	302.97	427.87	211.31	53.26	-5.62	0.293
136.50	-3.00	-5.37	0.00	-52.57	0.00	52.57	597.67	298.84	416.19	205.54	55.04	-5.68	0.261
138.00	-2.94	-5.27	0.00	-44.52	0.00	44.52	589.39	294.70	404.68	199.86	56.83	-5.74	0.228
139.50	-2.88	-5.18	0.00	-36.61	0.00	36.61	581.11	290.56	393.33	194.25	58.64	-5.79	0.194
140.00	-1.63	-3.26	0.00	-34.02	0.00	34.02	578.35	289.18	389.59	192.40	59.24	-5.80	0.180
141.00	-1.60	-3.20	0.00	-30.76	0.00	30.76	572.84	286.42	382.15	188.73	60.46	-5.83	0.166

Pole :	302523	Code: ANSI/TIA-222 Rev G	
Location :	New Milford CT 2, CT	Struct Class : II	
Height :	150.0 (ft)	Exposure Category : B	
Shape :	12 Sides	Topographic Category : 1	
Base Dia :	53.90 (in)		
Top Dia :	15.00 (in)		
Taper :	0.156700 (in/ft)	Base Elev : 0.000 (ft)	

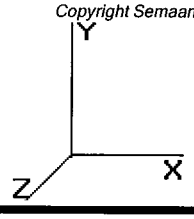


Load Case: 0.9D + 1.6W — 95.00 mph with No Ice (Reduced DL) — 27 Iterations

Gust Response Factor : 1.10
Dead Load Factor : 0.90
Wind Load Factor : 1.60
Wind Importance Factor : 1.00

142.50	-1.55	-3.10	0.00	-25.97	0.00	25.97	564.56	282.28	371.12	183.28	62.29	-5.86	0.145
144.00	-1.51	-3.01	0.00	-21.32	0.00	21.32	556.28	278.14	360.25	177.92	64.14	-5.90	0.123
145.50	-1.47	-2.92	0.00	-16.80	0.00	16.80	548.00	274.00	349.55	172.63	65.99	-5.92	0.100
147.00	-1.43	-2.83	0.00	-12.42	0.00	12.42	539.72	269.86	339.01	167.42	67.85	-5.95	0.077
148.50	-1.38	-2.74	0.00	-8.17	0.00	8.17	531.45	265.72	328.62	162.30	69.72	-5.96	0.053
150.00	0.00	-2.58	0.00	-4.06	0.00	4.06	523.17	261.58	318.40	157.25	71.59	-5.97	0.026

Pole :	302523	Code: ANSI/TIA-222 Rev G	
Location :	New Milford CT 2, CT	Struct Class : II	
Height :	150.0 (ft)	Exposure Category : B	
Shape :	12 Sides	Topographic Category : 1	
Base Dia :	53.90 (in)		
Top Dia :	15.00 (in)		
Taper :	0.156700 (in/ft)	Base Elev : 0.000 (ft)	



Load Case: 1.2D + 1.0Di + 1.0Wi — 40.00 mph with 1.25 in Radial Ice — 27 Iterations

Gust Response Factor : 1.10 — Ice Dead Load Factor : 1.00 — Wind Importance Factor : 1.00

Dead Load Factor : 1.20 — Ice Importance Factor : 1.00

Wind Load Factor : 1.00

Shaft Segment Forces (Factored)

Seg Top Elev (ft)	Description	Kzt	Kz	qz (psf)	qzGh (psf)	C (mph-ft)	Cf	Ice Thick (in)	Tributary (ft)	Aa (sf)	CfAa (sf)	Wind Force X (lb)	Dead Load Ice (lb)	Tot Dead Load (lb)
0.00		1.00	0.70	2.724	2.996	0.000	1.200	0.00	0.00	0.000	0.00	0.0	0.0	0.0
1.50		1.00	0.70	2.724	2.996	0.000	1.200	1.83	1.50	7.379	8.85	26.5	195.7	975.5
3.00		1.00	0.70	2.724	2.996	0.000	1.200	1.96	1.50	7.302	8.76	26.3	206.9	974.2
4.50		1.00	0.70	2.724	2.996	0.000	1.200	2.04	1.50	7.212	8.65	25.9	212.4	967.1
6.00		1.00	0.70	2.724	2.996	0.000	1.200	2.10	1.50	7.117	8.54	25.6	215.4	957.5
7.50		1.00	0.70	2.724	2.996	0.000	1.200	2.15	1.50	7.019	8.42	25.2	216.9	946.4
9.00		1.00	0.70	2.724	2.996	0.000	1.200	2.19	1.50	6.919	8.30	24.9	217.4	934.4
10.50		1.00	0.70	2.724	2.996	0.000	1.200	2.23	1.50	6.817	8.18	24.5	217.2	921.6
12.00		1.00	0.70	2.724	2.996	0.000	1.200	2.25	1.50	6.715	8.06	24.1	216.5	908.3
13.50		1.00	0.70	2.724	2.996	0.000	1.200	2.28	1.50	6.611	7.93	23.8	215.4	894.7
15.00	Top - Section 1	1.00	0.70	2.724	2.996	0.000	1.200	2.31	1.50	6.507	7.81	23.4	214.0	880.6
16.50		1.00	0.70	2.724	2.996	0.000	1.200	2.33	1.50	6.468	7.76	23.3	216.0	823.3
18.00		1.00	0.70	2.724	2.996	0.000	1.200	2.35	1.50	6.442	7.73	23.2	216.8	820.8
19.50		1.00	0.70	2.724	2.996	0.000	1.200	2.37	1.50	6.415	7.70	23.1	217.5	818.2
21.00		1.00	0.70	2.724	2.996	0.000	1.200	2.39	1.50	6.388	7.67	23.0	218.1	815.5
22.50		1.00	0.70	2.724	2.996	0.000	1.200	2.40	1.50	6.361	7.63	22.9	218.5	812.6
24.00		1.00	0.70	2.724	2.996	0.000	1.200	2.42	1.50	6.333	7.60	22.8	218.9	809.7
25.50		1.00	0.70	2.724	2.996	0.000	1.200	2.43	1.50	6.305	7.57	22.7	219.1	806.6
27.00		1.00	0.70	2.724	2.996	0.000	1.200	2.45	1.50	6.277	7.53	22.6	219.3	803.5
28.50		1.00	0.70	2.724	2.996	0.000	1.200	2.46	1.50	6.249	7.50	22.5	219.3	800.2
30.00		1.00	0.70	2.726	2.999	0.000	1.200	2.47	1.50	6.220	7.46	22.4	219.4	796.9
31.50		1.00	0.71	2.764	3.041	0.000	1.200	2.48	1.50	6.192	7.43	22.6	219.3	793.6
33.00		1.00	0.72	2.801	3.082	0.000	1.200	2.50	1.50	6.163	7.40	22.8	219.2	790.2
34.50		1.00	0.72	2.837	3.121	0.000	1.200	2.51	1.50	6.135	7.36	23.0	219.0	786.7
36.00		1.00	0.73	2.872	3.159	0.000	1.200	2.52	1.50	6.106	7.33	23.1	218.8	783.2
37.50		1.00	0.74	2.906	3.196	0.000	1.200	2.53	1.50	6.077	7.29	23.3	218.6	779.6
39.00		1.00	0.75	2.938	3.232	0.000	1.200	2.54	1.50	6.048	7.26	23.5	218.3	776.0
40.50		1.00	0.76	2.970	3.267	0.000	1.200	2.55	1.50	6.019	7.22	23.6	217.9	772.4
42.00		1.00	0.77	3.001	3.301	0.000	1.200	2.56	1.50	5.989	7.19	23.7	217.6	768.7
43.50		1.00	0.77	3.031	3.335	0.000	1.200	2.57	1.50	5.960	7.15	23.8	217.2	765.0
45.00		1.00	0.78	3.061	3.367	0.000	1.200	2.57	1.50	5.931	7.12	24.0	216.7	761.2
46.50		1.00	0.79	3.090	3.399	0.000	1.200	2.58	1.50	5.901	7.08	24.1	216.2	757.5
48.00		1.00	0.80	3.118	3.430	0.000	1.200	2.59	1.50	5.872	7.05	24.2	215.7	753.7
49.50		1.00	0.80	3.145	3.460	0.000	1.200	2.60	1.50	5.842	7.01	24.3	215.2	749.8
50.00	Appertunance(s)	1.00	0.81	3.155	3.470	0.000	1.200	2.60	0.50	1.941	2.33	8.1	71.7	249.1
51.00		1.00	0.81	3.172	3.490	0.000	1.200	2.61	1.00	3.872	4.65	16.2	143.1	496.9
52.50		1.00	0.82	3.199	3.519	0.000	1.200	2.61	1.50	5.783	6.94	24.4	214.1	742.1
54.00		1.00	0.82	3.225	3.547	0.000	1.200	2.62	1.50	5.753	6.90	24.5	213.5	738.2
55.00	Top - Section 2	1.00	0.83	3.242	3.566	0.000	1.200	2.63	1.00	3.819	4.58	16.3	142.0	490.0
55.50		1.00	0.83	3.250	3.575	0.000	1.200	2.63	0.50	1.917	2.30	8.2	71.5	230.6
57.00		1.00	0.84	3.275	3.602	0.000	1.200	2.64	1.50	5.732	6.88	24.8	213.7	689.2
58.50		1.00	0.84	3.299	3.629	0.000	1.200	2.64	1.50	5.702	6.84	24.8	213.0	685.5
60.00		1.00	0.85	3.323	3.656	0.000	1.200	2.65	1.50	5.672	6.81	24.9	212.4	681.8
61.50		1.00	0.86	3.347	3.681	0.000	1.200	2.66	1.50	5.642	6.77	24.9	211.6	678.0
63.00		1.00	0.86	3.370	3.707	0.000	1.200	2.66	1.50	5.612	6.73	25.0	210.9	674.3
64.50		1.00	0.87	3.393	3.732	0.000	1.200	2.67	1.50	5.582	6.70	25.0	210.2	670.5
66.00		1.00	0.87	3.415	3.756	0.000	1.200	2.67	1.50	5.552	6.66	25.0	209.4	666.7
67.50		1.00	0.88	3.437	3.781	0.000	1.200	2.68	1.50	5.522	6.63	25.1	208.6	662.9
69.00		1.00	0.88	3.459	3.804	0.000	1.200	2.69	1.50	5.491	6.59	25.1	207.8	659.1
70.50		1.00	0.89	3.480	3.828	0.000	1.200	2.69	1.50	5.461	6.55	25.1	207.0	655.3
72.00		1.00	0.90	3.501	3.851	0.000	1.200	2.70	1.50	5.431	6.52	25.1	206.2	651.5

Pole :	302523													
Location :	New Milford CT 2, CT													
Height :	150.0 (ft)													
Shape :	12 Sides													
Base Dia :	53.90 (in)													
Top Dia :	15.00 (in)													
Taper :	0.156700 (in/ft)													

Code: ANSI/TIA-222 Rev G
Struct Class : II
Exposure Category : B
Topographic Category : 1
Base Elev : 0.000 (ft)

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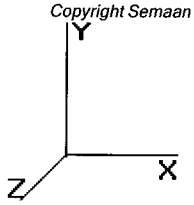


Load Case: 1.2D + 1.0Di + 1.0Wi — 40.00 mph with 1.25 in Radial Ice — 27 Iterations

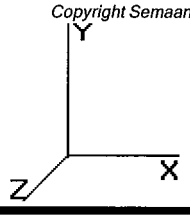
Gust Response Factor : 1.10
Dead Load Factor : 1.20
Wind Load Factor : 1.00

Ice Dead Load Factor : 1.00

Wind Importance Factor : 1.00
Ice Importance Factor : 1.00

73.50		1.00	0.90	3.522	3.874	0.000	1.200	2.70	1.50	5.401	6.48	25.1	205.4	647.6
75.00	Top - Section 3	1.00	0.91	3.542	3.896	0.000	1.200	2.71	1.50	5.370	6.44	25.1	204.5	643.7
76.50		1.00	0.91	3.562	3.918	0.000	1.200	2.71	1.50	5.340	6.41	25.1	203.7	553.8
78.00		1.00	0.92	3.582	3.940	0.000	1.200	2.72	1.50	5.310	6.37	25.1	202.8	550.5
79.50		1.00	0.92	3.601	3.962	0.000	1.200	2.73	1.50	5.279	6.33	25.1	201.9	547.2
81.00		1.00	0.93	3.621	3.983	0.000	1.200 *	2.73	1.50	5.249	6.30	25.1	201.0	543.9
82.50		1.00	0.93	3.640	4.004	0.000	1.200 *	2.74	1.50	5.218	6.26	25.1	200.1	540.6
84.00		1.00	0.94	3.659	4.024	0.000	1.200 *	2.74	1.50	5.188	6.23	25.1	199.2	537.3
84.11	Reinf Bottom	1.00	0.94	3.660	4.026	0.000	1.200 *	2.74	0.11	0.379	0.45	1.8	14.6	39.3
85.00	Top - Section 4	1.00	0.94	3.671	4.038	0.000	1.200 *	2.74	0.89	3.063	3.68	14.8	117.8	361.8
85.50		1.00	0.94	3.677	4.045	0.000	1.200 *	2.75	0.50	1.316	1.58	6.4	49.6	115.6
87.00		1.00	0.95	3.695	4.065	0.000	1.200 *	2.75	1.50	3.928	4.71	19.2	147.7	345.0
88.50		1.00	0.95	3.713	4.085	0.000	1.200 *	2.75	1.50	3.898	4.68	19.1	146.7	342.8
90.00		1.00	0.95	3.731	4.105	0.000	1.200 *	2.76	1.50	3.868	4.64	19.1	145.7	340.6
91.50		1.00	0.96	3.749	4.124	0.000	1.200 *	2.76	1.50	3.839	4.61	19.0	144.6	338.5
93.00		1.00	0.96	3.766	4.143	0.000	1.200 *	2.77	1.50	3.809	4.57	18.9	143.6	336.2
94.50	Reinf. Top	1.00	0.97	3.784	4.162	0.000	1.200 *	2.77	1.50	3.779	4.53	18.9	142.6	334.0
96.00		1.00	0.97	3.801	4.181	0.000	1.200 *	2.78	1.50	3.749	4.50	18.8	141.5	256.7
97.50		1.00	0.98	3.818	4.199	0.000	1.200 *	2.78	1.50	3.719	4.46	18.7	140.5	254.4
99.00		1.00	0.98	3.834	4.218	0.000	1.200 *	2.79	1.50	3.690	4.43	18.7	139.4	252.2
100.5		1.00	0.99	3.851	4.236	0.000	1.200 *	2.79	1.50	3.660	4.39	18.6	138.4	250.0
102.0		1.00	0.99	3.867	4.254	0.000	1.200 *	2.79	1.50	3.630	4.36	18.5	137.3	247.7
103.5		1.00	0.99	3.883	4.272	0.000	1.200 *	2.80	1.50	3.600	4.32	18.5	136.2	245.4
105.0		1.00	1.00	3.899	4.289	0.000	1.200 *	2.80	1.50	3.570	4.28	18.4	135.1	243.2
106.5		1.00	1.00	3.915	4.307	0.000	1.200 *	2.81	1.50	3.540	4.25	18.3	134.0	240.9
108.0		1.00	1.01	3.931	4.324	0.000	1.200 *	2.81	1.50	3.510	4.21	18.2	132.9	238.6
109.5		1.00	1.01	3.946	4.341	0.000	1.200 *	2.81	1.50	3.480	4.18	18.1	131.8	236.4
110.0	Top - Section 5	1.00	1.01	3.952	4.347	0.000	1.200 *	2.82	0.50	1.153	1.38	6.0	43.8	78.4
111.0		1.00	1.01	3.962	4.358	0.000	1.200 *	2.82	1.00	2.297	2.76	12.0	87.2	138.9
112.5		1.00	1.02	3.977	4.375	0.000	1.200 *	2.82	1.50	3.421	4.11	18.0	129.6	206.5
114.0		1.00	1.02	3.992	4.391	0.000	1.200 *	2.83	1.50	3.392	4.07	17.9	128.5	204.6
115.5		1.00	1.03	4.007	4.408	0.000	1.200 *	2.83	1.50	3.362	4.03	17.8	127.4	202.6
117.0		1.00	1.03	4.022	4.424	0.000	1.200 *	2.83	1.50	3.333	4.00	17.7	126.3	200.6
118.5		1.00	1.03	4.036	4.440	0.000	1.200 *	2.84	1.50	3.303	3.96	17.6	125.2	198.6
120.0		1.00	1.04	4.051	4.456	0.000	1.200 *	2.84	1.50	3.274	3.93	17.5	124.1	196.6
121.5		1.00	1.04	4.065	4.472	0.000	1.200 *	2.84	1.50	3.245	3.89	17.4	123.0	194.6
123.0		1.00	1.04	4.080	4.488	0.000	1.200 *	2.85	1.50	3.215	3.86	17.3	121.8	192.7
124.5		1.00	1.05	4.094	4.503	0.000	1.200 *	2.85	1.50	3.186	3.82	17.2	120.7	190.7
126.0		1.00	1.05	4.108	4.519	0.000	1.200 *	2.85	1.50	3.156	3.79	17.1	119.6	188.6
127.5		1.00	1.05	4.122	4.534	0.000	1.200 *	2.86	1.50	3.127	3.75	17.0	118.4	186.6
129.0		1.00	1.06	4.136	4.549	0.000	1.200 *	2.86	1.50	3.097	3.72	16.9	117.3	184.6
130.5		1.00	1.06	4.149	4.564	0.000	1.200 *	2.86	1.50	3.068	3.68	16.8	116.1	182.6
132.0		1.00	1.07	4.163	4.579	0.000	1.200 *	2.87	1.50	3.038	3.65	16.7	115.0	180.6
133.0	Appertunance(s)	1.00	1.07	4.172	4.589	0.000	1.200 *	2.87	1.00	2.009	2.41	11.1	76.1	119.4
133.5		1.00	1.07	4.176	4.594	0.000	1.200	2.87	0.50	1.000	1.20	5.5	37.9	59.4
135.0		1.00	1.07	4.190	4.609	0.000	1.200	2.87	1.50	2.979	3.57	16.5	112.6	176.5
136.5		1.00	1.08	4.203	4.623	0.000	1.200	2.88	1.50	2.950	3.54	16.4	111.5	174.5
138.0		1.00	1.08	4.216	4.638	0.000	1.200	2.88	1.50	2.920	3.50	16.3	110.3	172.4
139.5		1.00	1.08	4.229	4.652	0.000	1.200	2.88	1.50	2.891	3.47	16.1	109.1	170.4
140.0	Appertunance(s)	1.00	1.08	4.233	4.657	0.000	1.200	2.88	0.50	0.957	1.15	5.3	36.2	56.5
141.0		1.00	1.09	4.242	4.666	0.000	1.200	2.89	1.00	1.904	2.28	10.7	71.9	112.1
142.5		1.00	1.09	4.255	4.680	0.000	1.200	2.89	1.50	2.831	3.40	15.9	106.7	166.3
144.0		1.00	1.09	4.268	4.694	0.000	1.200	2.89	1.50	2.802	3.36	15.8	105.5	164.2
145.5		1.00	1.10	4.280	4.708	0.000	1.200	2.90	1.50	2.772	3.33	15.7	104.3	162.2
147.0		1.00	1.10	4.293	4.722	0.000	1.200	2.90	1.50	2.743	3.29	15.5	103.1	160.1
148.5		1.00	1.10	4.305	4.736	0.000	1.200	2.90	1.50	2.713	3.26	15.4	101.9	158.0
150.0	Appertunance(s)	1.00	1.11	4.318	4.749	0.000	1.200	2.90	1.50	2.683	3.22	15.3	100.7	155.9

Pole :	302523	Code: ANSI/TIA-222 Rev G	
Location :	New Milford CT 2, CT	Struct Class : II	
Height :	150.0 (ft)	Exposure Category : B	
Shape :	12 Sides	Topographic Category : 1	
Base Dia :	53.90 (in)		
Top Dia :	15.00 (in)		
Taper :	0.156700 (in/ft)	Base Elev : 0.000 (ft)	



Load Case: 1.2D + 1.0Di + 1.0Wi — 40.00 mph with 1.25 in Radial Ice — 27 Iterations

Gust Response Factor : 1.10
Dead Load Factor : 1.20
Wind Load Factor : 1.00

Ice Dead Load Factor : 1.00

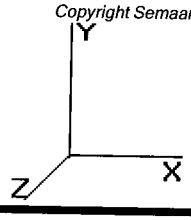
Wind Importance Factor : 1.00
Ice Importance Factor : 1.00

* = Cf Adjusted By Linear Load Ra Effect

Totals:	150.00	2,131.9	17,478.0	52,346.9

Pole : 302523
Location : New Milford CT 2, CT
Height : 150.0 (ft)
Shape : 12 Sides
Base Dia : 53.90 (in)
Top Dia : 15.00 (in)
Taper : 0.156700 (in/ft)

Code: ANSI/TIA-222 Rev G
Struct Class : II
Exposure Category : B
Topographic Category : 1
Base Elev : 0.000 (ft)



Load Case: 1.2D + 1.0Di + 1.0Wi — 40.00 mph with 1.25 in Radial Ice — 27 Iterations

Gust Response Factor : 1.10
Dead Load Factor : 1.20
Wind Load Factor : 1.00

Ice Dead Load Factor : 1.00

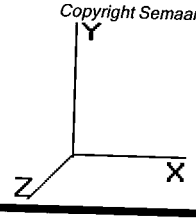
Wind Importance Factor : 1.00
Ice Importance Factor : 1.00

Discrete Appurtenance Segment Forces (Factored)

Elev (ft)	Description	Qty	qz (psf)	qzGh (psf)	CaAa Factor	Ka	Total CaAa (sf)	Horiz Ecc (ft)	Vert Ecc (ft)	Wind FX (lb)	Mom Y (lb-ft)	Mom Z (lb-ft)	Dead Load (lb)
50.00	GPS	1	3.164	3.480	1.00	1.00	1.19	0.000	0.500	4.14	0.00	2.07	79.88
75.00	GPS	1	3.542	3.896	1.00	1.00	2.09	0.000	0.000	8.13	0.00	0.00	23.71
110.0	Round T-Arm	3	3.952	4.347	0.50	0.75	34.74	0.000	0.000	151.02	0.00	0.00	1,723.15
110.0	72" x 12" Panels	3	3.952	4.347	0.54	0.80	16.58	0.000	0.000	72.08	0.00	0.00	1,207.83
110.0	48" x 12" Panels	9	3.952	4.347	0.54	0.80	32.45	0.000	0.000	141.05	0.00	0.00	2,528.24
133.0	Decibel DB950F85E-M	4	4.172	4.589	0.59	0.80	14.32	0.000	0.000	65.73	0.00	0.00	898.90
133.0	Antel LPA-80080/6CF	4	4.172	4.589	0.49	0.80	21.24	0.000	0.000	97.48	0.00	0.00	1,551.45
133.0	Decibel DB950F65E-M	2	4.172	4.589	0.80	0.80	31.08	0.000	0.000	142.61	0.00	0.00	56.42
133.0	Antel LPA-80063/6CF	2	4.172	4.589	0.80	0.80	19.00	0.000	0.000	87.18	0.00	0.00	1,100.72
133.0	Round Low Profile Pl	1	4.172	4.589	0.90	1.00	48.04	0.000	0.000	220.47	0.00	0.00	2,669.10
140.0	Round Low Profile Pl	1	4.233	4.657	0.90	1.00	48.19	0.000	0.000	224.40	0.00	0.00	2,674.58
140.0	Decibel DB980H90E-M	9	4.233	4.657	0.63	0.80	32.46	0.000	0.000	151.17	0.00	0.00	1,794.82
150.0	ADC DD1900	9	4.334	4.767	0.40	0.80	6.86	0.000	2.000	32.68	0.00	65.37	768.08
150.0	CSS DUO1417-8686	9	4.334	4.767	0.54	0.80	36.82	0.000	2.000	175.55	0.00	351.10	3,082.06
150.0	Round Low Profile Pl	1	4.326	4.759	1.00	1.00	53.76	0.000	1.000	255.84	0.00	255.84	2,682.03
										1,829.53			22,840.98

Pole : 302523
Location : New Milford CT 2, CT
Height : 150.0 (ft)
Shape : 12 Sides
Base Dia : 53.90 (in)
Top Dia : 15.00 (in)
Taper : 0.156700 (in/ft)

Code: ANSI/TIA-222 Rev G
Struct Class : II
Exposure Category : B
Topographic Category : 1
Base Elev : 0.000 (ft)



Load Case: 1.2D + 1.0Di + 1.0Wi — 40.00 mph with 1.25 in Radial Ice — 27 Iterations

Gust Response Factor : 1.10
Dead Load Factor : 1.20
Wind Load Factor : 1.00

Ice Dead Load Factor : 1.00

Wind Importance Factor : 1.00
Ice Importance Factor : 1.00

Linear Appurtenance Segment Forces (Factored)

Seg Top Elev (ft)	Description	Exposed To Wind	Length (ft)	Ca	Exposed Width (in)	Area (sqft)	CaAa (sqft)	qz (psf)	Ra	Cf Adjust Factor	F X (lb)	Dead Load (lb)
6.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	2.724	0.000	0.000	0.00	6.68
6.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	2.724	0.000	0.000	0.00	7.71
7.50	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	2.724	0.000	0.000	0.00	10.42
7.50	(1) 7/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	2.724	0.000	0.000	0.00	12.00
9.00	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	2.724	0.000	0.000	0.00	10.77
9.00	(1) 7/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	2.724	0.000	0.000	0.00	12.37
10.50	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	2.724	0.000	0.000	0.00	11.07
10.50	(1) 7/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	2.724	0.000	0.000	0.00	12.69
12.00	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	2.724	0.000	0.000	0.00	11.34
12.00	(1) 7/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	2.724	0.000	0.000	0.00	12.97
13.50	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	2.724	0.000	0.000	0.00	11.58
13.50	(1) 7/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	2.724	0.000	0.000	0.00	13.23
15.00	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	2.724	0.000	0.000	0.00	11.80
15.00	(1) 7/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	2.724	0.000	0.000	0.00	13.46
16.50	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	2.724	0.000	0.000	0.00	12.00
16.50	(1) 7/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	2.724	0.000	0.000	0.00	13.68
18.00	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	2.724	0.000	0.000	0.00	12.19
18.00	(1) 7/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	2.724	0.000	0.000	0.00	13.88
19.50	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	2.724	0.000	0.000	0.00	12.37
19.50	(1) 7/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	2.724	0.000	0.000	0.00	14.07
21.00	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	2.724	0.000	0.000	0.00	12.54
21.00	(1) 7/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	2.724	0.000	0.000	0.00	14.25
22.50	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	2.724	0.000	0.000	0.00	12.70
22.50	(1) 7/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	2.724	0.000	0.000	0.00	14.41
24.00	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	2.724	0.000	0.000	0.00	12.85
24.00	(1) 7/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	2.724	0.000	0.000	0.00	14.57
25.50	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	2.724	0.000	0.000	0.00	12.99
25.50	(1) 7/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	2.724	0.000	0.000	0.00	14.72
27.00	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	2.724	0.000	0.000	0.00	13.12
27.00	(1) 7/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	2.724	0.000	0.000	0.00	14.86
28.50	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	2.724	0.000	0.000	0.00	13.25
28.50	(1) 7/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	2.724	0.000	0.000	0.00	15.00
30.00	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	2.726	0.000	0.000	0.00	13.38
30.00	(1) 7/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	2.726	0.000	0.000	0.00	15.13
31.50	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	2.764	0.000	0.000	0.00	13.50
31.50	(1) 7/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	2.764	0.000	0.000	0.00	15.25
33.00	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	2.801	0.000	0.000	0.00	13.61
33.00	(1) 7/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	2.801	0.000	0.000	0.00	15.38
34.50	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	2.837	0.000	0.000	0.00	13.72
34.50	(1) 7/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	2.837	0.000	0.000	0.00	15.49
36.00	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	2.872	0.000	0.000	0.00	13.83
36.00	(1) 7/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	2.872	0.000	0.000	0.00	15.60
37.50	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	2.906	0.000	0.000	0.00	13.93
37.50	(1) 7/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	2.906	0.000	0.000	0.00	15.71
39.00	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	2.938	0.000	0.000	0.00	14.03
39.00	(1) 7/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	2.938	0.000	0.000	0.00	15.82
40.50	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	2.970	0.000	0.000	0.00	14.13
40.50	(1) 7/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	2.970	0.000	0.000	0.00	15.92
42.00	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	3.001	0.000	0.000	0.00	14.22
42.00	(1) 7/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	3.001	0.000	0.000	0.00	16.02
43.50	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	3.031	0.000	0.000	0.00	14.31

Pole :	302523			Code: ANSI/TIA-222 Rev G							
Location :	New Milford CT 2, CT			Struct Class : II						6/29/2009 5:05:30 PM	
Height :	150.0 (ft)			Exposure Category : B						Page: 36	
Shape :	12 Sides			Topographic Category : 1							
Base Dia :	53.90 (in)										
Top Dia :	15.00 (in)										
Taper :	0.156700 (in/ft)			Base Elev : 0.000 (ft)							

Load Case: 1.2D + 1.0Di + 1.0Wi — 40.00 mph with 1.25 in Radial Ice — 27 Iterations

Gust Response Factor : 1.10 — Ice Dead Load Factor : 1.00 — Wind Importance Factor : 1.00

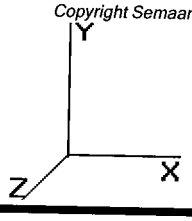
Dead Load Factor : 1.20 — Ice Importance Factor : 1.00

Wind Load Factor : 1.00

43.50	(1) 7/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	3.031	0.000	0.000	0.00	16.12
45.00	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	3.061	0.000	0.000	0.00	14.40
45.00	(1) 7/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	3.061	0.000	0.000	0.00	16.21
46.50	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	3.090	0.000	0.000	0.00	14.49
46.50	(1) 7/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	3.090	0.000	0.000	0.00	16.30
48.00	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	3.118	0.000	0.000	0.00	14.57
48.00	(1) 7/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	3.118	0.000	0.000	0.00	16.39
49.50	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	3.145	0.000	0.000	0.00	14.65
49.50	(1) 7/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	3.145	0.000	0.000	0.00	16.47
50.00	(1) 1/2" Coax	Yes	0.50	0.000	0.00	0.00	0.00	3.155	0.000	0.000	0.00	4.89
50.00	(1) 7/8" Coax	Yes	0.50	0.000	0.00	0.00	0.00	3.155	0.000	0.000	0.00	5.50
51.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	3.172	0.000	0.000	0.00	9.82
52.50	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	3.199	0.000	0.000	0.00	14.81
54.00	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	3.225	0.000	0.000	0.00	14.89
55.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	3.242	0.000	0.000	0.00	9.96
55.50	(1) 1/2" Coax	Yes	0.50	0.000	0.00	0.00	0.00	3.250	0.000	0.000	0.00	4.99
57.00	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	3.275	0.000	0.000	0.00	15.04
58.50	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	3.299	0.000	0.000	0.00	15.11
60.00	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	3.323	0.000	0.000	0.00	15.18
61.50	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	3.347	0.000	0.000	0.00	15.25
63.00	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	3.370	0.000	0.000	0.00	15.31
64.50	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	3.393	0.000	0.000	0.00	15.38
66.00	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	3.415	0.000	0.000	0.00	15.45
67.50	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	3.437	0.000	0.000	0.00	15.51
69.00	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	3.459	0.000	0.000	0.00	15.57
70.50	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	3.480	0.000	0.000	0.00	15.63
72.00	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	3.501	0.000	0.000	0.00	15.69
73.50	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	3.522	0.000	0.000	0.00	15.75
75.00	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	3.542	0.000	0.000	0.00	15.81
79.50	(4) #20 Dywidag Bars	Yes	0.50	0.000	6.00	0.48	0.00	3.601	0.054	0.000	0.00	56.29
79.50	(1) Seam Flange	Yes	0.50	0.000	0.00	0.00	0.00	3.601	0.054	0.000	0.00	26.49
81.00	(4) #20 Dywidag Bars	Yes	1.50	0.000	6.00	1.43	0.00	3.621	0.164	1.193	0.00	168.98
81.00	(1) Seam Flange	Yes	1.50	0.000	0.00	0.00	0.00	3.621	0.164	1.193	0.00	79.54
82.50	(4) #20 Dywidag Bars	Yes	1.50	0.000	6.00	1.43	0.00	3.640	0.165	1.196	0.00	169.09
82.50	(1) Seam Flange	Yes	1.50	0.000	0.00	0.00	0.00	3.640	0.165	1.196	0.00	79.61
84.00	(4) #20 Dywidag Bars	Yes	1.50	0.000	6.00	1.44	0.00	3.659	0.167	1.200	0.00	169.20
84.00	(1) Seam Flange	Yes	1.50	0.000	0.00	0.00	0.00	3.659	0.167	1.200	0.00	79.67
84.11	(4) #20 Dywidag Bars	Yes	0.11	0.000	6.00	0.11	0.00	3.660	0.167	1.202	0.00	12.40
84.11	(1) Seam Flange	Yes	0.11	0.000	0.00	0.00	0.00	3.660	0.167	1.202	0.00	5.84
85.00	(4) #20 Dywidag Bars	Yes	0.89	0.000	6.00	0.85	0.00	3.671	0.168	1.203	0.00	100.44
85.00	(1) Seam Flange	Yes	0.89	0.000	0.00	0.00	0.00	3.671	0.168	1.203	0.00	47.30
85.50	(12) 1 5/8" Coax	Yes	0.50	1.200	3.98	0.39	0.47	3.677	0.535	0.000	1.92	37.89
85.50	(12) 1 5/8" Coax	Yes	0.50	1.200	3.98	0.39	0.47	3.677	0.535	0.000	1.92	37.89
85.50	(4) #20 Dywidag Bars	Yes	0.50	2.000	6.00	0.48	0.96	3.677	0.535	0.000	3.88	56.43
87.00	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	1.19	1.42	3.695	0.539	0.000	5.79	113.86
87.00	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	1.19	1.42	3.695	0.539	0.000	5.79	113.86
87.00	(4) #20 Dywidag Bars	Yes	1.50	2.000	6.00	1.44	2.88	3.695	0.539	0.000	11.70	169.41
88.50	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	1.19	1.42	3.713	0.544	0.000	5.82	114.04
88.50	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	1.19	1.42	3.713	0.544	0.000	5.82	114.04
88.50	(4) #20 Dywidag Bars	Yes	1.50	2.000	6.00	1.44	2.88	3.713	0.544	0.000	11.76	169.51
90.00	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	1.19	1.43	3.731	0.549	0.000	5.85	114.21
90.00	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	1.19	1.43	3.731	0.549	0.000	5.85	114.21
90.00	(4) #20 Dywidag Bars	Yes	1.50	2.000	6.00	1.44	2.88	3.731	0.549	0.000	11.83	169.61
91.50	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	1.19	1.43	3.749	0.555	0.000	5.89	114.38
91.50	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	1.19	1.43	3.749	0.555	0.000	5.89	114.38
91.50	(4) #20 Dywidag Bars	Yes	1.50	2.000	6.00	1.44	2.88	3.749	0.555	0.000	11.89	169.71
93.00	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	1.19	1.43	3.766	0.560	0.000	5.92	114.56

Pole : 302523
Location : New Milford CT 2, CT
Height : 150.0 (ft)
Shape : 12 Sides
Base Dia : 53.90 (in)
Top Dia : 15.00 (in)
Taper : 0.156700 (in/ft)

Code: ANSI/TIA-222 Rev G
Struct Class : II
Exposure Category : B
Topographic Category : 1
Base Elev : 0.000 (ft)



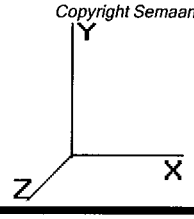
Load Case: 1.2D + 1.0Di + 1.0Wi — 40.00 mph with 1.25 in Radial Ice — 27 Iterations

Gust Response Factor : 1.10
Dead Load Factor : 1.20
Wind Load Factor : 1.00

Ice Dead Load Factor : 1.00

Wind Importance Factor : 1.00
Ice Importance Factor : 1.00

93.00	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	1.19	1.43	3.766	0.560	0.000	5.92	114.56
93.00	(4) #20 Dywidag Bars	Yes	1.50	2.000	6.00	1.44	2.89	3.766	0.560	0.000	11.96	169.81
94.50	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	1.19	1.43	3.784	0.566	0.000	5.95	114.72
94.50	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	1.19	1.43	3.784	0.566	0.000	5.95	114.72
94.50	(4) #20 Dywidag Bars	Yes	1.50	2.000	6.00	1.44	2.89	3.784	0.566	0.000	12.02	169.91
96.00	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	1.19	1.43	3.801	0.571	0.000	5.99	114.89
96.00	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	1.19	1.43	3.801	0.571	0.000	5.99	114.89
96.00	(4) #20 Dywidag Bars	Yes	1.50	2.000	6.00	1.45	2.89	3.801	0.571	0.000	12.09	170.00
97.50	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	1.19	1.43	3.818	0.577	0.000	6.02	115.05
97.50	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	1.19	1.43	3.818	0.577	0.000	6.02	115.05
97.50	(4) #20 Dywidag Bars	Yes	1.50	2.000	6.00	1.45	2.89	3.818	0.577	0.000	12.15	170.10
99.00	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	1.20	1.43	3.834	0.583	0.000	6.05	115.21
99.00	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	1.20	1.43	3.834	0.583	0.000	6.05	115.21
99.00	(4) #20 Dywidag Bars	Yes	1.50	2.000	6.00	1.45	2.90	3.834	0.583	0.000	12.21	170.19
100.5	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	1.20	1.44	3.851	0.505	0.000	6.08	115.37
100.5	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	1.20	1.44	3.851	0.505	0.000	6.08	115.37
100.5	(4) #20 Dywidag Bars	Yes	1.00	2.000	6.00	0.97	1.93	3.851	0.505	0.000	8.18	113.52
102.0	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	1.20	1.44	3.867	0.340	0.000	6.11	115.53
102.0	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	1.20	1.44	3.867	0.340	0.000	6.11	115.53
103.5	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	1.20	1.44	3.883	0.343	0.000	6.14	115.69
103.5	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	1.20	1.44	3.883	0.343	0.000	6.14	115.69
105.0	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	1.20	1.44	3.899	0.347	0.000	6.17	115.84
105.0	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	1.20	1.44	3.899	0.347	0.000	6.17	115.84
106.5	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	1.20	1.44	3.915	0.351	0.000	6.20	115.99
106.5	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	1.20	1.44	3.915	0.351	0.000	6.20	115.99
108.0	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	1.20	1.44	3.931	0.355	0.000	6.23	116.14
108.0	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	1.20	1.44	3.931	0.355	0.000	6.23	116.14
109.5	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	1.20	1.44	3.946	0.358	0.000	6.26	116.29
109.5	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	1.20	1.44	3.946	0.358	0.000	6.26	116.29
110.0	(12) 1 5/8" Coax	Yes	0.50	1.200	3.98	0.40	0.48	3.952	0.361	0.000	2.09	38.78
110.0	(12) 1 5/8" Coax	Yes	0.50	1.200	3.98	0.40	0.48	3.952	0.361	0.000	2.09	38.78
111.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.98	0.80	0.00	3.962	0.182	1.245	0.00	77.62
112.5	(12) 1 5/8" Coax	Yes	1.50	0.000	3.98	1.20	0.00	3.977	0.183	1.250	0.00	116.58
114.0	(12) 1 5/8" Coax	Yes	1.50	0.000	3.98	1.20	0.00	3.992	0.185	1.256	0.00	116.72
115.5	(12) 1 5/8" Coax	Yes	1.50	0.000	3.98	1.21	0.00	4.007	0.187	1.262	0.00	116.86
117.0	(12) 1 5/8" Coax	Yes	1.50	0.000	3.98	1.21	0.00	4.022	0.190	1.269	0.00	117.00
118.5	(12) 1 5/8" Coax	Yes	1.50	0.000	3.98	1.21	0.00	4.036	0.192	1.276	0.00	117.14
120.0	(12) 1 5/8" Coax	Yes	1.50	0.000	3.98	1.21	0.00	4.051	0.194	1.282	0.00	117.28
121.5	(12) 1 5/8" Coax	Yes	1.50	0.000	3.98	1.21	0.00	4.065	0.196	1.289	0.00	117.41
123.0	(12) 1 5/8" Coax	Yes	1.50	0.000	3.98	1.21	0.00	4.080	0.199	1.296	0.00	117.55
124.5	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	1.21	1.45	4.094	0.201	0.000	6.55	117.68
126.0	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	1.21	1.45	4.108	0.204	0.000	6.57	117.81
127.5	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	1.21	1.46	4.122	0.206	0.000	6.60	117.94
129.0	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	1.21	1.46	4.136	0.209	0.000	6.63	118.07
130.5	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	1.21	1.46	4.149	0.212	0.000	6.65	118.19
132.0	(12) 1 5/8" Coax	Yes	1.50	1.200	3.98	1.22	1.46	4.163	0.214	0.000	6.68	118.32
133.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.81	0.97	4.172	0.217	0.000	4.46	78.93
										Totals:	364.77	9,416.73



Load Case: 1.2D + 1.0Di + 1.0Wi — 40.00 mph with 1.25 in Radial Ice — 27 Iterations

Gust Response Factor : 1.10
Dead Load Factor : 1.20
Wind Load Factor : 1.00

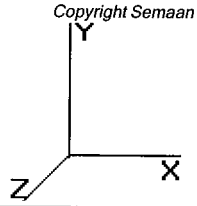
Ice Dead Load Factor : 1.00

Wind Importance Factor : 1.00
Ice Importance Factor : 1.00

Applied Segment Forces Summary

Seg Elev (ft)	Lateral FX (-) (lb)	Axial FY (-) (lb)	Torsion MY (lb-ft)	Moment MZ (lb-ft)
0.00	0.00	0.00	0.00	0.00
1.50	26.53	975.54	0.00	0.00
3.00	26.25	974.24	0.00	0.00
4.50	25.93	967.15	0.00	0.00
6.00	25.59	1,011.18	0.00	0.00
7.50	25.24	1,027.75	0.00	0.00
9.00	24.88	1,016.40	0.00	0.00
10.50	24.51	1,004.28	0.00	0.00
12.00	24.14	991.56	0.00	0.00
13.50	23.77	978.38	0.00	0.00
15.00	23.40	964.82	0.00	0.00
16.50	23.26	907.87	0.00	0.00
18.00	23.16	905.81	0.00	0.00
19.50	23.07	903.58	0.00	0.00
21.00	22.97	901.18	0.00	0.00
22.50	22.87	898.64	0.00	0.00
24.00	22.77	895.98	0.00	0.00
25.50	22.67	893.21	0.00	0.00
27.00	22.57	890.34	0.00	0.00
28.50	22.47	887.39	0.00	0.00
30.00	22.38	884.35	0.00	0.00
31.50	22.59	881.24	0.00	0.00
33.00	22.79	878.06	0.00	0.00
34.50	22.97	874.82	0.00	0.00
36.00	23.15	871.53	0.00	0.00
37.50	23.31	868.18	0.00	0.00
39.00	23.46	864.78	0.00	0.00
40.50	23.60	861.33	0.00	0.00
42.00	23.73	857.85	0.00	0.00
43.50	23.85	854.32	0.00	0.00
45.00	23.96	850.75	0.00	0.00
46.50	24.07	847.15	0.00	0.00
48.00	24.17	843.52	0.00	0.00
49.50	24.26	839.85	0.00	0.00
50.00	12.22	359.06	0.00	2.07
51.00	16.21	546.03	0.00	0.00
52.50	24.42	815.79	0.00	0.00
54.00	24.49	811.96	0.00	0.00
55.00	16.34	539.22	0.00	0.00
55.50	8.23	255.23	0.00	0.00
57.00	24.78	763.10	0.00	0.00
58.50	24.83	759.49	0.00	0.00
60.00	24.88	755.84	0.00	0.00
61.50	24.93	752.18	0.00	0.00
63.00	24.96	748.50	0.00	0.00
64.50	25.00	744.80	0.00	0.00
66.00	25.03	741.09	0.00	0.00
67.50	25.05	737.35	0.00	0.00
69.00	25.07	733.60	0.00	0.00
70.50	25.09	729.84	0.00	0.00

Pole : 302523	Code: ANSI/TIA-222 Rev G		
Location : New Milford CT 2, CT	Struct Class : II		
Height : 150.0 (ft)	Exposure Category : B		
Shape : 12 Sides	Topographic Category : 1		
Base Dia : 53.90 (in)			
Top Dia : 15.00 (in)			
Taper : 0.156700 (in/ft)	Base Elev : 0.000 (ft)		



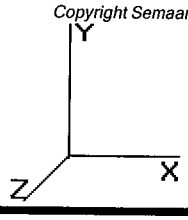
Load Case: 1.2D + 1.0Di + 1.0Wi — 40.00 mph with 1.25 in Radial Ice — 27 Iterations

Gust Response Factor : 1.10 — Ice Dead Load Factor : 1.00 — Wind Importance Factor : 1.00

Dead Load Factor : 1.20 — Ice Importance Factor : 1.00

Wind Load Factor : 1.00

72.00	25.10	726.05	0.00	0.00
73.50	25.10	722.26	0.00	0.00
75.00	33.23	742.16	0.00	0.00
76.50	25.11	612.74	0.00	0.00
78.00	25.10	609.45	0.00	0.00
79.50	25.10	688.93	0.00	0.00
81.00	25.09	851.36	0.00	0.00
82.50	25.07	848.21	0.00	0.00
84.00	25.05	845.04	0.00	0.00
84.11	1.83	61.82	0.00	0.00
85.00	14.84	544.50	0.00	0.00
85.50	14.10	255.65	0.00	0.00
87.00	42.43	765.63	0.00	0.00
88.50	42.51	763.91	0.00	0.00
90.00	42.59	762.17	0.00	0.00
91.50	42.66	760.42	0.00	0.00
93.00	42.74	758.65	0.00	0.00
94.50	42.80	756.87	0.00	0.00
96.00	42.87	679.93	0.00	0.00
97.50	42.93	678.12	0.00	0.00
99.00	42.98	676.30	0.00	0.00
100.5	38.95	617.71	0.00	0.00
102.0	30.75	502.25	0.00	0.00
103.5	30.74	500.30	0.00	0.00
105.0	30.72	498.35	0.00	0.00
106.5	30.70	496.38	0.00	0.00
108.0	30.68	494.40	0.00	0.00
109.5	30.65	492.42	0.00	0.00
110.0	374.35	5,623.01	0.00	0.00
111.0	12.01	232.17	0.00	0.00
112.5	17.96	346.59	0.00	0.00
114.0	17.87	344.76	0.00	0.00
115.5	17.78	342.93	0.00	0.00
117.0	17.69	341.10	0.00	0.00
118.5	17.60	339.25	0.00	0.00
120.0	17.51	337.40	0.00	0.00
121.5	17.41	335.55	0.00	0.00
123.0	17.31	333.68	0.00	0.00
124.5	23.76	331.82	0.00	0.00
126.0	23.69	329.94	0.00	0.00
127.5	23.61	328.06	0.00	0.00
129.0	23.53	326.17	0.00	0.00
130.5	23.45	324.28	0.00	0.00
132.0	23.37	322.38	0.00	0.00
133.0	628.99	6,490.57	0.00	0.00
133.5	5.51	67.25	0.00	0.00
135.0	16.48	200.00	0.00	0.00
136.5	16.36	197.96	0.00	0.00
138.0	16.25	195.91	0.00	0.00
139.5	16.14	193.87	0.00	0.00
140.0	380.92	4,533.69	0.00	0.00
141.0	10.66	118.93	0.00	0.00
142.5	15.90	176.48	0.00	0.00
144.0	15.78	174.42	0.00	0.00
145.5	15.66	172.36	0.00	0.00
147.0	15.54	170.29	0.00	0.00
148.5	15.42	168.22	0.00	0.00



Load Case: 1.2D + 1.0Di + 1.0Wi — 40.00 mph with 1.25 in Radial Ice — 27 Iterations

Gust Response Factor : 1.10
Dead Load Factor : 1.20
Wind Load Factor : 1.00

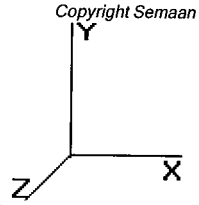
Ice Dead Load Factor : 1.00

Wind Importance Factor : 1.00
Ice Importance Factor : 1.00

150.0		479.36	6,698.32	0.00	672.30
	Totals:	4,326.17	88,675.49	0.00	674.37

Pole : 302523
Location : New Milford CT 2, CT
Height : 150.0 (ft)
Shape : 12 Sides
Base Dia : 53.90 (in)
Top Dia : 15.00 (in)
Taper : 0.156700 (in/ft)

Code: ANSI/TIA-222 Rev G
Struct Class : II
Exposure Category : B
Topographic Category : 1
Base Elev : 0.000 (ft)



Load Case: 1.2D + 1.0Di + 1.0Wi — 40.00 mph with 1.25 in Radial Ice — 27 Iterations

Gust Response Factor : 1.10
Dead Load Factor : 1.20
Wind Load Factor : 1.00

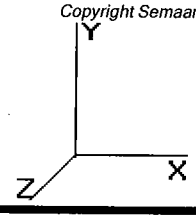
Ice Dead Load Factor : 1.00

Wind Importance Factor : 1.00
Ice Importance Factor : 1.00

Calculated Forces

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-88.68	-4.33	0.00	-464.48	0.00	464.48	4,435.89	2,217.94	9,673.15	4,777.21	0.00	0.00	0.117
1.50	-87.70	-4.31	0.00	-457.99	0.00	457.99	4,364.90	2,182.45	9,363.93	4,624.50	0.00	0.00	0.119
3.00	-86.72	-4.29	0.00	-451.53	0.00	451.53	4,293.92	2,146.96	9,059.74	4,474.26	0.00	-0.01	0.121
4.50	-85.76	-4.27	0.00	-445.09	0.00	445.09	4,222.94	2,111.47	8,760.56	4,326.51	0.01	-0.01	0.123
6.00	-84.75	-4.25	0.00	-438.69	0.00	438.69	4,151.95	2,075.98	8,466.41	4,181.24	0.01	-0.02	0.125
7.50	-83.72	-4.23	0.00	-432.31	0.00	432.31	4,080.97	2,040.49	8,177.29	4,038.46	0.02	-0.02	0.128
9.00	-82.70	-4.22	0.00	-425.96	0.00	425.96	4,009.99	2,004.99	7,893.18	3,898.15	0.03	-0.03	0.130
10.50	-81.70	-4.20	0.00	-419.64	0.00	419.64	3,939.01	1,969.50	7,614.11	3,760.32	0.04	-0.03	0.132
12.00	-80.70	-4.18	0.00	-413.34	0.00	413.34	3,868.02	1,934.01	7,340.05	3,624.98	0.05	-0.04	0.135
13.50	-79.73	-4.16	0.00	-407.07	0.00	407.07	3,797.04	1,898.52	7,071.02	3,492.11	0.06	-0.04	0.138
15.00	-78.76	-4.15	0.00	-400.82	0.00	400.82	3,726.06	1,863.03	6,807.01	3,361.73	0.07	-0.05	0.140
15.00	-78.76	-4.15	0.00	-400.82	0.00	400.82	3,726.06	1,863.03	6,807.01	3,361.73	0.07	-0.05	0.145
16.50	-77.85	-4.13	0.00	-394.60	0.00	394.60	3,568.76	1,784.38	6,532.18	3,226.00	0.09	-0.06	0.144
18.00	-76.95	-4.12	0.00	-388.40	0.00	388.40	3,549.29	1,774.64	6,460.55	3,190.62	0.11	-0.06	0.143
19.50	-76.04	-4.10	0.00	-382.23	0.00	382.23	3,529.81	1,764.91	6,389.31	3,155.44	0.13	-0.07	0.143
21.00	-75.14	-4.09	0.00	-376.07	0.00	376.07	3,510.34	1,755.17	6,318.47	3,120.45	0.15	-0.08	0.142
22.50	-74.24	-4.07	0.00	-369.94	0.00	369.94	3,490.86	1,745.43	6,248.02	3,085.66	0.18	-0.08	0.141
24.00	-73.34	-4.06	0.00	-363.83	0.00	363.83	3,471.39	1,735.69	6,177.97	3,051.06	0.21	-0.09	0.140
25.50	-72.45	-4.04	0.00	-357.75	0.00	357.75	3,451.91	1,725.96	6,108.31	3,016.66	0.24	-0.10	0.140
27.00	-71.56	-4.02	0.00	-351.69	0.00	351.69	3,432.44	1,716.22	6,039.04	2,982.46	0.27	-0.10	0.139
28.50	-70.67	-4.01	0.00	-345.65	0.00	345.65	3,412.97	1,706.48	5,970.18	2,948.45	0.30	-0.11	0.138
30.00	-69.79	-3.99	0.00	-339.64	0.00	339.64	3,393.49	1,696.75	5,901.70	2,914.63	0.34	-0.12	0.137
31.50	-68.91	-3.98	0.00	-333.65	0.00	333.65	3,374.02	1,687.01	5,833.62	2,881.01	0.37	-0.12	0.136
33.00	-68.03	-3.96	0.00	-327.69	0.00	327.69	3,354.54	1,677.27	5,765.94	2,847.58	0.41	-0.13	0.135
34.50	-67.15	-3.94	0.00	-321.75	0.00	321.75	3,335.07	1,667.53	5,698.65	2,814.35	0.46	-0.14	0.134
36.00	-66.28	-3.92	0.00	-315.83	0.00	315.83	3,315.59	1,657.80	5,631.76	2,781.32	0.50	-0.14	0.134
37.50	-65.41	-3.91	0.00	-309.95	0.00	309.95	3,296.12	1,648.06	5,565.26	2,748.47	0.55	-0.15	0.133
39.00	-64.55	-3.89	0.00	-304.09	0.00	304.09	3,276.65	1,638.32	5,499.16	2,715.83	0.59	-0.16	0.132
40.50	-63.68	-3.87	0.00	-298.26	0.00	298.26	3,257.17	1,628.59	5,433.45	2,683.38	0.64	-0.16	0.131
42.00	-62.83	-3.85	0.00	-292.45	0.00	292.45	3,237.70	1,618.85	5,368.14	2,651.12	0.70	-0.17	0.130
43.50	-61.97	-3.83	0.00	-286.68	0.00	286.68	3,218.22	1,609.11	5,303.22	2,619.06	0.75	-0.18	0.129
45.00	-61.12	-3.81	0.00	-280.93	0.00	280.93	3,198.75	1,599.37	5,238.70	2,587.20	0.81	-0.18	0.128
46.50	-60.27	-3.79	0.00	-275.21	0.00	275.21	3,179.28	1,589.64	5,174.57	2,555.53	0.86	-0.19	0.127
48.00	-59.43	-3.77	0.00	-269.52	0.00	269.52	3,159.80	1,579.90	5,110.84	2,524.05	0.92	-0.20	0.126
49.50	-58.59	-3.75	0.00	-263.87	0.00	263.87	3,140.33	1,570.16	5,047.50	2,492.77	0.99	-0.20	0.125
50.00	-58.23	-3.74	0.00	-261.99	0.00	261.99	3,133.84	1,566.92	5,026.47	2,482.39	1.01	-0.20	0.124
51.00	-57.68	-3.73	0.00	-258.25	0.00	258.25	3,120.85	1,560.43	4,984.56	2,461.68	1.05	-0.21	0.123
52.50	-56.87	-3.70	0.00	-252.66	0.00	252.66	3,101.38	1,550.69	4,922.01	2,430.79	1.12	-0.21	0.122
54.00	-56.06	-3.68	0.00	-247.11	0.00	247.11	3,081.90	1,540.95	4,859.85	2,400.10	1.19	-0.22	0.121
55.00	-55.52	-3.67	0.00	-243.43	0.00	243.43	3,068.92	1,534.46	4,818.64	2,379.74	1.23	-0.23	0.120
55.00	-55.52	-3.67	0.00	-243.43	0.00	243.43	3,068.92	1,534.46	4,818.64	2,379.74	1.23	-0.23	0.143
55.50	-55.26	-3.66	0.00	-241.59	0.00	241.59	2,550.94	1,275.47	4,041.54	1,995.96	1.26	-0.23	0.143
57.00	-54.50	-3.64	0.00	-236.10	0.00	236.10	2,534.79	1,267.40	3,990.12	1,970.57	1.33	-0.23	0.141
58.50	-53.74	-3.62	0.00	-230.64	0.00	230.64	2,518.64	1,259.32	3,939.02	1,945.34	1.40	-0.24	0.140
60.00	-52.98	-3.60	0.00	-225.21	0.00	225.21	2,502.49	1,251.24	3,888.26	1,920.27	1.48	-0.25	0.138
61.50	-52.23	-3.58	0.00	-219.81	0.00	219.81	2,486.33	1,243.17	3,837.83	1,895.36	1.56	-0.26	0.137
63.00	-51.48	-3.55	0.00	-214.45	0.00	214.45	2,470.18	1,235.09	3,787.72	1,870.61	1.64	-0.26	0.135
64.50	-50.74	-3.53	0.00	-209.12	0.00	209.12	2,454.03	1,227.02	3,737.95	1,846.03	1.73	-0.27	0.134
66.00	-49.99	-3.51	0.00	-203.83	0.00	203.83	2,437.88	1,218.94	3,688.50	1,821.61	1.81	-0.28	0.132
67.50	-49.26	-3.48	0.00	-198.56	0.00	198.56	2,421.73	1,210.86	3,639.38	1,797.35	1.90	-0.28	0.131
69.00	-48.52	-3.46	0.00	-193.34	0.00	193.34	2,405.57	1,202.79	3,590.59	1,773.26	1.99	-0.29	0.129

Pole :	302523	Code: ANSI/TIA-222 Rev G	
Location :	New Milford CT 2, CT	Struct Class : II	
Height :	150.0 (ft)	Exposure Category : B	
Shape :	12 Sides	Topographic Category : 1	
Base Dia :	53.90 (in)		
Top Dia :	15.00 (in)		
Taper :	0.156700 (in/ft)	Base Elev : 0.000 (ft)	



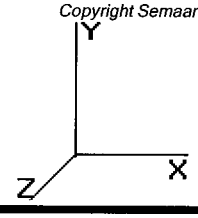
Load Case: 1.2D + 1.0Di + 1.0Wi — 40.00 mph with 1.25 in Radial Ice — 27 Iterations

Gust Response Factor : 1.10 — Ice Dead Load Factor : 1.00 — Wind Importance Factor : 1.00

Dead Load Factor : 1.20 — Ice Importance Factor : 1.00

Wind Load Factor : 1.00

70.50	-47.79	-3.44	0.00	-188.14	0.00	188.14	2,389.42	1,194.71	3,542.14	1,749.33	2.08	-0.29	0.128
72.00	-47.07	-3.41	0.00	-182.99	0.00	182.99	2,373.27	1,186.64	3,494.01	1,725.56	2.17	-0.30	0.126
73.50	-46.34	-3.39	0.00	-177.87	0.00	177.87	2.357.12	1.178.56	3.446.21	1,701.95	2.27	-0.31	0.124
75.00	-45.60	-3.36	0.00	-172.78	0.00	172.78	2,340.97	1,170.48	3,398.74	1,678.51	2.37	-0.31	0.122
75.00	-45.60	-3.36	0.00	-172.78	0.00	172.78	2,340.97	1,170.48	3,398.74	1,678.51	2.37	-0.31	0.137
76.50	-44.99	-3.34	0.00	-167.74	0.00	167.74	2,071.54	1,035.77	3,007.65	1,485.37	2.47	-0.32	0.135
78.00	-44.38	-3.31	0.00	-162.74	0.00	162.74	2,057.20	1,028.60	2,965.86	1,464.73	2.57	-0.33	0.133
79.50	-43.69	-3.29	0.00	-157.77	0.00	157.77	2,042.86	1,021.43	2,924.37	1,444.24	2.67	-0.34	0.131
81.00	-42.84	-3.27	0.00	-152.83	0.00	152.83	2.028.52	1.014.26	2.883.16	1.423.89	2.78	-0.34	0.128
82.50	-41.99	-3.24	0.00	-147.94	0.00	147.94	2,014.17	1,007.09	2,842.25	1,403.68	2.89	-0.35	0.126
84.00	-41.14	-3.21	0.00	-143.08	0.00	143.08	1,999.83	999.92	2,801.63	1,383.62	3.00	-0.36	0.124
84.11	-41.08	-3.21	0.00	-142.72	0.00	142.72	1,998.78	999.39	2,798.67	1,382.16	3.01	-0.36	0.124
85.00	-40.54	-3.20	0.00	-139.86	0.00	139.86	1,990.27	995.14	2,774.71	1,370.33	3.08	-0.36	0.081
85.00	-40.54	-3.20	0.00	-139.86	0.00	139.86	1,990.27	995.14	2,774.71	1,370.33	3.08	-0.36	0.079
85.50	-40.28	-3.19	0.00	-138.26	0.00	138.26	1,172.62	586.31	1,202.80	594.02	3.11	-0.36	0.098
87.00	-39.52	-3.15	0.00	-133.49	0.00	133.49	1,161.37	580.69	1,179.73	582.62	3.23	-0.38	0.096
88.50	-38.75	-3.11	0.00	-128.77	0.00	128.77	1,150.13	575.06	1,156.88	571.34	3.35	-0.39	0.093
90.00	-37.99	-3.07	0.00	-124.10	0.00	124.10	1,138.88	569.44	1,134.25	560.17	3.48	-0.40	0.091
91.50	-37.23	-3.03	0.00	-119.50	0.00	119.50	1,127.63	563.82	1,111.85	549.10	3.60	-0.41	0.089
93.00	-36.47	-2.99	0.00	-114.96	0.00	114.96	1.116.39	558.19	1.089.67	538.15	3.74	-0.42	0.086
94.50	-35.71	-2.94	0.00	-110.48	0.00	110.48	1.116.39	558.19	1.089.67	538.15	3.87	-0.44	0.084
94.50	-35.71	-2.94	0.00	-110.48	0.00	110.48	1.116.39	558.19	1.089.67	538.15	3.87	-0.44	0.242
96.00	-35.03	-2.91	0.00	-106.07	0.00	106.07	1,093.90	546.95	1,045.98	516.57	4.01	-0.45	0.237
97.50	-34.35	-2.88	0.00	-101.70	0.00	101.70	1,082.65	541.33	1,024.47	505.95	4.15	-0.48	0.233
99.00	-33.67	-2.85	0.00	-97.38	0.00	97.38	1,071.41	535.70	1,003.19	495.44	4.31	-0.51	0.228
100.50	-33.06	-2.83	0.00	-93.10	0.00	93.10	1,060.16	530.08	982.13	485.04	4.48	-0.55	0.223
102.00	-32.55	-2.81	0.00	-88.86	0.00	88.86	1,048.91	524.46	961.29	474.74	4.66	-0.58	0.218
103.50	-32.05	-2.79	0.00	-84.64	0.00	84.64	1,037.67	518.83	940.67	464.56	4.84	-0.61	0.213
105.00	-31.55	-2.77	0.00	-80.46	0.00	80.46	1.026.42	513.21	920.28	454.49	5.04	-0.65	0.208
106.50	-31.05	-2.75	0.00	-76.29	0.00	76.29	1,015.18	507.59	900.11	444.53	5.25	-0.68	0.202
108.00	-30.56	-2.73	0.00	-72.16	0.00	72.16	1,003.93	501.97	880.17	434.68	5.47	-0.71	0.196
109.50	-30.06	-2.71	0.00	-68.06	0.00	68.06	992.69	496.34	860.45	424.94	5.70	-0.74	0.190
110.00	-24.45	-2.27	0.00	-66.71	0.00	66.71	988.94	494.47	853.92	421.72	5.77	-0.75	0.183
110.00	-24.45	-2.27	0.00	-66.71	0.00	66.71	988.94	494.47	853.92	421.72	5.77	-0.75	0.242
111.00	-24.21	-2.26	0.00	-64.44	0.00	64.44	738.40	369.20	636.59	314.39	5.93	-0.77	0.238
112.50	-23.87	-2.26	0.00	-61.05	0.00	61.05	730.12	365.06	622.33	307.35	6.18	-0.81	0.231
114.00	-23.52	-2.25	0.00	-57.66	0.00	57.66	721.84	360.92	608.24	300.39	6.44	-0.84	0.225
115.50	-23.18	-2.24	0.00	-54.29	0.00	54.29	713.56	356.78	594.31	293.51	6.71	-0.88	0.217
117.00	-22.83	-2.23	0.00	-50.93	0.00	50.93	705.28	352.64	580.53	286.70	6.99	-0.91	0.210
118.50	-22.49	-2.22	0.00	-47.58	0.00	47.58	697.01	348.50	566.92	279.98	7.28	-0.95	0.202
120.00	-22.15	-2.21	0.00	-44.25	0.00	44.25	688.73	344.36	553.48	273.34	7.59	-0.98	0.194
121.50	-21.82	-2.20	0.00	-40.93	0.00	40.93	680.45	340.22	540.19	266.78	7.90	-1.01	0.186
123.00	-21.48	-2.19	0.00	-37.63	0.00	37.63	672.17	336.09	527.06	260.30	8.23	-1.04	0.177
124.50	-21.15	-2.17	0.00	-34.35	0.00	34.35	663.89	331.95	514.10	253.89	8.56	-1.07	0.167
126.00	-20.82	-2.15	0.00	-31.10	0.00	31.10	655.62	327.81	501.30	247.57	8.90	-1.10	0.157
127.50	-20.49	-2.13	0.00	-27.88	0.00	27.88	647.34	323.67	488.65	241.33	9.25	-1.13	0.147
129.00	-20.17	-2.10	0.00	-24.69	0.00	24.69	639.06	319.53	476.17	235.16	9.61	-1.15	0.137
130.50	-19.84	-2.08	0.00	-21.53	0.00	21.53	630.78	315.39	463.86	229.08	9.97	-1.17	0.125
132.00	-19.52	-2.06	0.00	-18.41	0.00	18.41	622.50	311.25	451.70	223.08	10.34	-1.19	0.114
133.00	-13.04	-1.29	0.00	-16.35	0.00	16.35	616.99	308.49	443.68	219.12	10.59	-1.20	0.096
133.50	-12.98	-1.29	0.00	-15.70	0.00	15.70	614.23	307.11	439.70	217.15	10.72	-1.21	0.093
135.00	-12.78	-1.27	0.00	-13.77	0.00	13.77	605.95	302.97	427.87	211.31	11.10	-1.22	0.086
136.50	-12.58	-1.25	0.00	-11.86	0.00	11.86	597.67	298.84	416.19	205.54	11.49	-1.24	0.079
138.00	-12.38	-1.24	0.00	-9.98	0.00	9.98	589.39	294.70	404.68	199.86	11.88	-1.25	0.071
139.50	-12.19	-1.22	0.00	-8.12	0.00	8.12	581.11	290.56	393.33	194.25	12.27	-1.26	0.063
140.00	-7.66	-0.74	0.00	-7.52	0.00	7.52	578.35	289.18	389.59	192.40	12.41	-1.26	0.052
141.00	-7.55	-0.73	0.00	-6.78	0.00	6.78	572.84	286.42	382.15	188.73	12.67	-1.27	0.049



Load Case: 1.2D + 1.0Di + 1.0Wi — 40.00 mph with 1.25 in Radial Ice — 27 Iterations

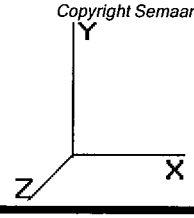
Gust Response Factor : 1.10
Dead Load Factor : 1.20
Wind Load Factor : 1.00

Ice Dead Load Factor : 1.00

Wind Importance Factor : 1.00
Ice Importance Factor : 1.00

142.50	-7.37	-0.71	0.00	-5.69	0.00	5.69	564.56	282.28	371.12	183.28	13.07	-1.28	0.044
144.00	-7.20	-0.69	0.00	-4.63	0.00	4.63	556.28	278.14	360.25	177.92	13.48	-1.29	0.039
145.50	-7.02	-0.67	0.00	-3.60	0.00	3.60	548.00	274.00	349.55	172.63	13.88	-1.29	0.034
147.00	-6.85	-0.65	0.00	-2.59	0.00	2.59	539.72	269.86	339.01	167.42	14.29	-1.30	0.028
148.50	-6.69	-0.63	0.00	-1.62	0.00	1.62	531.45	265.72	328.62	162.30	14.69	-1.30	0.023
150.00	0.00	-0.48	0.00	-0.67	0.00	0.67	523.17	261.58	318.40	157.25	15.10	-1.30	0.004

Pole :	302523	Code: ANSI/TIA-222 Rev G	
Location :	New Milford CT 2, CT	Struct Class : II	
Height :	150.0 (ft)	Exposure Category : B	
Shape :	12 Sides	Topographic Category : 1	
Base Dia :	53.90 (in)		
Top Dia :	15.00 (in)		
Taper :	0.156700 (in/ft)	Base Elev : 0.000 (ft)	



Load Case: 1.2D + 1.0E — Dead Load with Seismic — 26 Iterations

Gust Response Factor : 1.10		Sds : 0.32	Ss : 0.30
Dead Load Factor : 1.20	Seismic Load Factor : 1.00	Sd1 : 0.14	S1 : 0.09
Wind Load Factor : 0.00	Structure Frequency : 0.4902	SA : 0.07	Seismic Importance Factor : 1.00

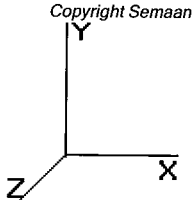
Total Segment Forces (Factored)

R : 1.50

Seg Top Elev (ft)	Description	Wz (lb)	a	b	c	Lateral Fs (lb)
0.00		0.00	0.00	0.00	0.00	0.00
1.50		649.91	0.00	0.01	0.01	6.73
3.00		639.43	0.00	0.02	0.01	11.81
4.50		628.94	0.00	0.03	0.02	15.70
6.00		618.46	0.00	0.04	0.02	18.69
7.50		607.98	0.00	0.04	0.02	21.00
9.00		597.49	0.01	0.05	0.03	22.81
10.50		587.01	0.01	0.05	0.03	24.23
12.00		576.53	0.01	0.06	0.03	25.37
13.50		566.04	0.02	0.06	0.04	26.32
15.00	Top - Section 1	555.56	0.02	0.07	0.04	27.14
16.50		506.10	0.02	0.07	0.04	25.91
18.00		503.35	0.03	0.07	0.04	26.99
19.50		500.59	0.03	0.08	0.04	28.12
21.00		497.84	0.04	0.08	0.04	29.37
22.50		495.09	0.04	0.09	0.04	30.75
24.00		492.33	0.05	0.09	0.05	32.29
25.50		489.58	0.05	0.10	0.05	34.03
27.00		486.82	0.06	0.11	0.05	35.99
28.50		484.07	0.07	0.11	0.05	38.18
30.00		481.31	0.08	0.12	0.05	40.62
31.50		478.56	0.08	0.13	0.05	43.32
33.00		475.81	0.09	0.14	0.05	46.29
34.50		473.05	0.10	0.15	0.05	49.51
36.00		470.30	0.11	0.16	0.05	53.01
37.50		467.54	0.12	0.18	0.05	56.75
39.00		464.79	0.13	0.19	0.05	60.74
40.50		462.04	0.14	0.21	0.05	64.94
42.00		459.28	0.15	0.22	0.05	69.36
43.50		456.53	0.16	0.24	0.06	73.95
45.00		453.77	0.17	0.26	0.06	78.70
46.50		451.02	0.18	0.28	0.06	83.57
48.00		448.26	0.19	0.30	0.06	88.53
49.50		445.51	0.21	0.32	0.06	93.55
50.00	Appertunance(s)	256.79	0.21	0.33	0.06	55.00
51.00		294.86	0.22	0.35	0.07	65.66
52.50		440.00	0.23	0.37	0.07	103.63
54.00		437.25	0.24	0.40	0.07	108.63
55.00	Top - Section 2	289.97	0.25	0.41	0.07	74.53
55.50		132.63	0.26	0.42	0.07	34.66
57.00		396.20	0.27	0.45	0.08	108.63
58.50		393.69	0.29	0.47	0.08	112.93
60.00		391.17	0.30	0.50	0.08	117.08
61.50		388.65	0.32	0.53	0.09	121.06
63.00		386.14	0.33	0.56	0.09	124.84
64.50		383.62	0.35	0.58	0.09	128.41
66.00		381.10	0.37	0.61	0.10	131.74
67.50		378.59	0.38	0.64	0.10	134.82
69.00		376.07	0.40	0.67	0.11	137.63
70.50		373.55	0.42	0.69	0.11	140.16
72.00		371.04	0.44	0.72	0.12	142.39

Pole : 302523
Location : New Milford CT 2, CT
Height : 150.0 (ft)
Shape : 12 Sides
Base Dia : 53.90 (in)
Top Dia : 15.00 (in)
Taper : 0.156700 (in/ft)

Code: ANSI/TIA-222 Rev G
Struct Class : II
Exposure Category : B
Topographic Category : 1
Base Elev : 0.000 (ft)



Load Case: 1.2D + 1.0E — Dead Load with Seismic — 26 Iterations

Gust Response Factor : 1.10
Dead Load Factor : 1.20
Wind Load Factor : 0.00

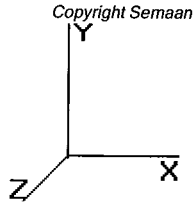
Seismic Load Factor : 1.00
Structure Frequency : 0.4902

Sds : 0.32
Sd1 : 0.14
SA : 0.07

Ss : 0.30
S1 : 0.09
Seismic Importance Factor : 1.00

73.50		368.52	0.45	0.74	0.12	144.33
75.00	Top - Section 3	474.90	0.47	0.77	0.13	189.37
76.50		291.81	0.49	0.79	0.13	118.21
78.00		289.80	0.51	0.81	0.13	118.99
79.50		287.79	0.53	0.83	0.14	119.50
81.00		285.77	0.55	0.85	0.14	119.74
82.50		283.76	0.57	0.86	0.15	119.70
84.00		281.75	0.59	0.88	0.15	119.39
84.11	Reinf Bottom	20.56	0.59	0.88	0.15	8.72
85.00	Top - Section 4	166.15	0.61	0.89	0.16	70.52
85.50		34.16	0.61	0.89	0.16	14.51
87.00		101.82	0.64	0.90	0.16	43.24
88.50		100.84	0.66	0.91	0.17	42.71
90.00		99.86	0.68	0.91	0.17	42.09
91.50		98.88	0.70	0.92	0.18	41.37
93.00		97.90	0.73	0.92	0.18	40.56
94.50	Reinf. Top	96.92	0.75	0.91	0.19	39.65
96.00		95.93	0.77	0.91	0.20	38.66
97.50		94.95	0.80	0.90	0.20	37.58
99.00		93.97	0.82	0.89	0.21	36.42
100.5		92.99	0.85	0.88	0.21	35.19
102.0		92.01	0.87	0.86	0.22	33.89
103.5		91.03	0.90	0.84	0.22	32.54
105.0		90.05	0.93	0.82	0.23	31.13
106.5		89.07	0.95	0.80	0.24	29.68
108.0		88.08	0.98	0.77	0.24	28.20
109.5		87.10	1.01	0.75	0.25	26.70
110.0	Top - Section 5	1820.42	1.02	0.74	0.25	549.64
111.0		43.11	1.03	0.72	0.26	12.61
112.5		64.06	1.06	0.69	0.27	17.83
114.0		63.34	1.09	0.66	0.28	16.72
115.5		62.62	1.12	0.63	0.29	15.63
117.0		61.90	1.15	0.60	0.30	14.58
118.5		61.18	1.18	0.57	0.31	13.58
120.0		60.45	1.21	0.55	0.32	12.64
121.5		59.73	1.24	0.52	0.33	11.77
123.0		59.01	1.27	0.50	0.35	10.98
124.5		58.29	1.30	0.48	0.37	10.29
126.0		57.56	1.33	0.46	0.39	9.71
127.5		56.84	1.37	0.46	0.41	9.24
129.0		56.12	1.40	0.45	0.43	8.89
130.5		55.40	1.43	0.46	0.45	8.68
132.0		54.68	1.46	0.47	0.48	8.60
133.0	Appertunance(s)	3404.15	1.49	0.49	0.50	541.72
133.5		17.90	1.50	0.50	0.51	2.87
135.0		53.23	1.53	0.54	0.55	8.86
136.5		52.51	1.57	0.59	0.59	9.21
138.0		51.79	1.60	0.66	0.63	9.70
139.5		51.06	1.63	0.74	0.67	10.34
140.0	Appertunance(s)	308.46	1.65	0.77	0.69	64.22
141.0		33.48	1.67	0.84	0.72	7.39
142.5		49.62	1.71	0.96	0.78	12.02
144.0		48.90	1.74	1.11	0.84	13.06
145.5		48.17	1.78	1.28	0.90	14.22
147.0		47.45	1.82	1.48	0.98	15.50
148.5		46.73	1.85	1.72	1.05	16.89
150.0	Appertunance(s)	1837.61	1.89	1.98	1.14	734.04

Pole :	302523	Code: ANSI/TIA-222 Rev G	
Location :	New Milford CT 2, CT	Struct Class : II	
Height :	150.0 (ft)	Exposure Category : B	
Shape :	12 Sides	Topographic Category : 1	
Base Dia :	53.90 (in)		
Top Dia :	15.00 (in)		
Taper :	0.156700 (in/ft)	Base Elev : 0.000 (ft)	



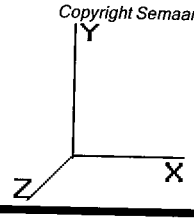
Load Case: 1.2D + 1.0E — Dead Load with Seismic — 26 Iterations

Gust Response Factor : 1.10		Sds : 0.32	Ss : 0.30
Dead Load Factor : 1.20	Seismic Load Factor : 1.00	Sd1 : 0.14	S1 : 0.09
Wind Load Factor : 0.00	Structure Frequency : 0.4902	SA : 0.07	Seismic Importance Factor : 1.00

Totals: 36,084.33 7,140.02 Total Wind : 25,482.9

Seismic Base Shear Not Tested Due To User Override - Analysis Required

Pole :	302523	Code: ANSI/TIA-222 Rev G	
Location :	New Milford CT 2, CT	Struct Class : II	
Height :	150.0 (ft)	Exposure Category : B	
Shape :	12 Sides	Topographic Category : 1	
Base Dia :	53.90 (in)		
Top Dia :	15.00 (in)		
Taper :	0.156700 (in/ft)	Base Elev : 0.000 (ft)	



Load Case: 1.2D + 1.0E — Dead Load with Seismic — 26 Iterations

Gust Response Factor : 1.10
Dead Load Factor : 1.20
Wind Load Factor : 0.00

Seismic Load Factor : 1.00
Structure Frequency : 0.4902

Sds : 0.32
Sd1 : 0.14
SA : 0.07

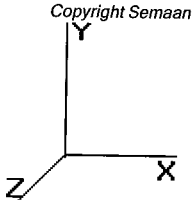
Ss : 0.30
S1 : 0.09
Seismic Importance Factor : 1.00

Calculated Forces

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-49.25	-7.14	0.00	-611.01	0.00	611.01	4,435.89	2,217.94	9,673.15	4,777.21	0.00	0.00	0.139
1.50	-48.47	-7.14	0.00	-600.30	0.00	600.30	4,364.90	2,182.45	9,363.93	4,624.50	0.00	-0.01	0.141
3.00	-47.70	-7.13	0.00	-589.59	0.00	589.59	4,293.92	2,146.96	9,059.74	4,474.26	0.00	-0.01	0.143
4.50	-46.94	-7.12	0.00	-578.90	0.00	578.90	4,222.94	2,111.47	8,760.56	4,326.51	0.01	-0.02	0.145
6.00	-46.16	-7.11	0.00	-568.21	0.00	568.21	4,151.95	2,075.98	8,466.41	4,181.24	0.01	-0.02	0.147
7.50	-45.37	-7.09	0.00	-557.55	0.00	557.55	4,080.97	2,040.49	8,177.29	4,038.46	0.02	-0.03	0.149
9.00	-44.59	-7.07	0.00	-546.92	0.00	546.92	4,009.99	2,004.99	7,893.18	3,898.15	0.03	-0.04	0.151
10.50	-43.83	-7.05	0.00	-536.31	0.00	536.31	3,939.01	1,969.50	7,614.11	3,760.32	0.05	-0.04	0.154
12.00	-43.08	-7.03	0.00	-525.73	0.00	525.73	3,868.02	1,934.01	7,340.05	3,624.98	0.06	-0.05	0.156
13.50	-42.34	-7.01	0.00	-515.18	0.00	515.18	3,797.04	1,898.52	7,071.02	3,492.11	0.08	-0.06	0.159
15.00	-41.61	-6.99	0.00	-504.66	0.00	504.66	3,726.06	1,863.03	6,807.01	3,361.73	0.10	-0.06	0.161
15.00	-41.61	-6.99	0.00	-504.66	0.00	504.66	3,726.06	1,863.03	6,807.01	3,361.73	0.10	-0.06	0.166
16.50	-40.94	-6.97	0.00	-494.18	0.00	494.18	3,568.76	1,784.38	6,532.18	3,226.00	0.12	-0.07	0.165
18.00	-40.28	-6.95	0.00	-483.73	0.00	483.73	3,549.29	1,774.64	6,460.55	3,190.62	0.14	-0.08	0.163
19.50	-39.62	-6.92	0.00	-473.31	0.00	473.31	3,529.81	1,764.91	6,389.31	3,155.44	0.17	-0.09	0.161
21.00	-38.96	-6.90	0.00	-462.93	0.00	462.93	3,510.34	1,755.17	6,318.47	3,120.45	0.20	-0.10	0.159
22.50	-38.30	-6.87	0.00	-452.58	0.00	452.58	3,490.86	1,745.43	6,248.02	3,085.66	0.23	-0.11	0.158
24.00	-37.65	-6.84	0.00	-442.28	0.00	442.28	3,471.39	1,735.69	6,177.97	3,051.06	0.27	-0.11	0.156
25.50	-37.00	-6.81	0.00	-432.01	0.00	432.01	3,451.91	1,725.96	6,108.31	3,016.66	0.30	-0.12	0.154
27.00	-36.36	-6.78	0.00	-421.79	0.00	421.79	3,432.44	1,716.22	6,039.04	2,982.46	0.34	-0.13	0.152
28.50	-35.72	-6.75	0.00	-411.62	0.00	411.62	3,412.97	1,706.48	5,970.18	2,948.45	0.38	-0.14	0.150
30.00	-35.08	-6.71	0.00	-401.51	0.00	401.51	3,393.49	1,696.75	5,901.70	2,914.63	0.43	-0.15	0.148
31.50	-34.44	-6.67	0.00	-391.44	0.00	391.44	3,374.02	1,687.01	5,833.62	2,881.01	0.48	-0.15	0.146
33.00	-33.81	-6.62	0.00	-381.44	0.00	381.44	3,354.54	1,677.27	5,765.94	2,847.58	0.52	-0.16	0.144
34.50	-33.18	-6.58	0.00	-371.51	0.00	371.51	3,335.07	1,667.53	5,698.65	2,814.35	0.58	-0.17	0.142
36.00	-32.56	-6.53	0.00	-361.64	0.00	361.64	3,315.59	1,657.80	5,631.76	2,781.32	0.63	-0.18	0.140
37.50	-31.94	-6.47	0.00	-351.85	0.00	351.85	3,296.12	1,648.06	5,565.26	2,748.47	0.69	-0.18	0.138
39.00	-31.32	-6.41	0.00	-342.14	0.00	342.14	3,276.65	1,638.32	5,499.16	2,715.83	0.75	-0.19	0.136
40.50	-30.70	-6.35	0.00	-332.52	0.00	332.52	3,257.17	1,628.59	5,433.45	2,683.38	0.81	-0.20	0.133
42.00	-30.09	-6.28	0.00	-323.00	0.00	323.00	3,237.70	1,618.85	5,368.14	2,651.12	0.87	-0.21	0.131
43.50	-29.49	-6.21	0.00	-313.57	0.00	313.57	3,218.22	1,609.11	5,303.22	2,619.06	0.94	-0.21	0.129
45.00	-28.88	-6.13	0.00	-304.26	0.00	304.26	3,198.75	1,599.37	5,238.70	2,587.20	1.01	-0.22	0.127
46.50	-28.28	-6.05	0.00	-295.06	0.00	295.06	3,179.28	1,589.64	5,174.57	2,555.53	1.08	-0.23	0.124
48.00	-27.68	-5.96	0.00	-285.98	0.00	285.98	3,159.80	1,579.90	5,110.84	2,524.05	1.15	-0.23	0.122
49.50	-27.09	-5.87	0.00	-277.04	0.00	277.04	3,140.33	1,570.16	5,047.50	2,492.77	1.22	-0.24	0.120
50.00	-26.88	-5.81	0.00	-274.11	0.00	274.11	3,133.84	1,566.92	5,026.47	2,482.39	1.25	-0.24	0.119
51.00	-26.48	-5.75	0.00	-268.29	0.00	268.29	3,120.85	1,560.43	4,984.56	2,461.68	1.30	-0.25	0.117
52.50	-25.90	-5.65	0.00	-259.67	0.00	259.67	3,101.38	1,550.69	4,922.01	2,430.79	1.38	-0.25	0.115
54.00	-25.31	-5.54	0.00	-251.20	0.00	251.20	3,081.90	1,540.95	4,859.85	2,400.10	1.46	-0.26	0.113
55.00	-24.92	-5.46	0.00	-245.66	0.00	245.66	3,068.92	1,534.46	4,818.64	2,379.74	1.52	-0.27	0.111
55.00	-24.92	-5.46	0.00	-245.66	0.00	245.66	3,068.92	1,534.46	4,818.64	2,379.74	1.52	-0.27	0.132
55.50	-24.75	-5.43	0.00	-242.93	0.00	242.93	2,550.94	1,275.47	4,041.54	1,995.96	1.54	-0.27	0.131
57.00	-24.21	-5.32	0.00	-234.78	0.00	234.78	2,534.79	1,267.40	3,990.12	1,970.57	1.63	-0.27	0.129
58.50	-23.68	-5.21	0.00	-226.80	0.00	226.80	2,518.64	1,259.32	3,939.02	1,945.34	1.72	-0.28	0.126
60.00	-23.15	-5.09	0.00	-218.99	0.00	218.99	2,502.49	1,251.24	3,888.26	1,920.27	1.81	-0.29	0.123
61.50	-22.63	-4.97	0.00	-211.35	0.00	211.35	2,486.33	1,243.17	3,837.83	1,895.36	1.90	-0.29	0.121
63.00	-22.10	-4.85	0.00	-203.90	0.00	203.90	2,470.18	1,235.09	3,787.72	1,870.61	1.99	-0.30	0.118
64.50	-21.58	-4.72	0.00	-196.63	0.00	196.63	2,454.03	1,227.02	3,737.95	1,846.03	2.09	-0.31	0.115
66.00	-21.07	-4.58	0.00	-189.56	0.00	189.56	2,437.88	1,218.94	3,688.50	1,821.61	2.18	-0.31	0.113
67.50	-20.55	-4.45	0.00	-182.68	0.00	182.68	2,421.73	1,210.86	3,639.38	1,797.35	2.28	-0.32	0.110
69.00	-20.04	-4.31	0.00	-176.01	0.00	176.01	2,405.57	1,202.79	3,590.59	1,773.26	2.39	-0.33	0.108

Pole : 302523
Location : New Milford CT 2, CT
Height : 150.0 (ft)
Shape : 12 Sides
Base Dia : 53.90 (in)
Top Dia : 15.00 (in)
Taper : 0.156700 (in/ft)

Code: ANSI/TIA-222 Rev G
Struct Class : II
Exposure Category : B
Topographic Category : 1
Base Elev : 0.000 (ft)



Load Case: 1.2D + 1.0E — Dead Load with Seismic — 26 Iterations

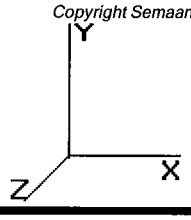
Gust Response Factor : 1.10
Dead Load Factor : 1.20
Wind Load Factor : 0.00

Seismic Load Factor : 1.00
Structure Frequency : 0.4902

Sds : 0.32
Sd1 : 0.14
SA : 0.07

Ss : 0.30
S1 : 0.09
Seismic Importance Factor : 1.00

70.50	-19.54	-4.17	0.00	-169.54	0.00	169.54	2,389.42	1,194.71	3,542.14	1,749.33	2.49	-0.33	0.105
72.00	-19.03	-4.03	0.00	-163.29	0.00	163.29	2,373.27	1,186.64	3,494.01	1,725.56	2.59	-0.34	0.103
73.50	-18.53	-3.88	0.00	-157.25	0.00	157.25	2,357.12	1,178.56	3,446.21	1,701.95	2.70	-0.34	0.100
75.00	-18.02	-3.69	0.00	-151.43	0.00	151.43	2,340.97	1,170.48	3,398.74	1,678.51	2.81	-0.35	0.098
75.00	-18.02	-3.69	0.00	-151.43	0.00	151.43	2,340.97	1,170.48	3,398.74	1,678.51	2.81	-0.35	0.109
76.50	-17.61	-3.57	0.00	-145.90	0.00	145.90	2,071.54	1,035.77	3,007.65	1,485.37	2.92	-0.35	0.107
78.00	-17.21	-3.45	0.00	-140.54	0.00	140.54	2,057.20	1,028.60	2,965.86	1,464.73	3.03	-0.36	0.104
79.50	-16.74	-3.33	0.00	-135.36	0.00	135.36	2,042.86	1,021.43	2,924.37	1,444.24	3.15	-0.37	0.102
81.00	-16.17	-3.21	0.00	-130.37	0.00	130.37	2,028.52	1,014.26	2,883.16	1,423.89	3.26	-0.37	0.100
82.50	-15.59	-3.09	0.00	-125.56	0.00	125.56	2,014.17	1,007.09	2,842.25	1,403.68	3.38	-0.38	0.097
84.00	-15.02	-2.96	0.00	-120.92	0.00	120.92	1,999.83	999.92	2,801.63	1,383.62	3.50	-0.39	0.095
84.11	-14.98	-2.96	0.00	-120.60	0.00	120.60	1,998.78	999.39	2,798.67	1,382.16	3.51	-0.39	0.095
85.00	-14.60	-2.88	0.00	-117.97	0.00	117.97	1,990.27	995.14	2,774.71	1,370.33	3.58	-0.39	0.060
85.00	-14.60	-2.88	0.00	-117.97	0.00	117.97	1,990.27	995.14	2,774.71	1,370.33	3.58	-0.39	0.057
85.50	-14.47	-2.87	0.00	-116.53	0.00	116.53	1,172.62	586.31	1,202.80	594.02	3.63	-0.39	0.073
87.00	-14.09	-2.83	0.00	-112.22	0.00	112.22	1,161.37	580.69	1,179.73	582.62	3.75	-0.40	0.071
88.50	-13.72	-2.78	0.00	-107.98	0.00	107.98	1,150.13	575.06	1,156.88	571.34	3.88	-0.41	0.069
90.00	-13.35	-2.74	0.00	-103.80	0.00	103.80	1,138.88	569.44	1,134.25	560.17	4.01	-0.42	0.067
91.50	-12.97	-2.70	0.00	-99.69	0.00	99.69	1,127.63	563.82	1,111.85	549.10	4.14	-0.43	0.065
93.00	-12.60	-2.66	0.00	-95.64	0.00	95.64	1,116.39	558.19	1,089.67	538.15	4.28	-0.44	0.063
94.50	-12.23	-2.62	0.00	-91.66	0.00	91.66	1,116.39	558.19	1,089.67	538.15	4.42	-0.45	0.061
94.50	-12.23	-2.62	0.00	-91.66	0.00	91.66	1,116.39	558.19	1,089.67	538.15	4.42	-0.45	0.185
96.00	-11.93	-2.58	0.00	-87.73	0.00	87.73	1,093.90	546.95	1,045.98	516.57	4.57	-0.46	0.181
97.50	-11.64	-2.55	0.00	-83.86	0.00	83.86	1,082.65	541.33	1,024.47	505.95	4.71	-0.49	0.177
99.00	-11.35	-2.51	0.00	-80.04	0.00	80.04	1,071.41	535.70	1,003.19	495.44	4.87	-0.52	0.172
100.50	-11.10	-2.48	0.00	-76.27	0.00	76.27	1,060.16	530.08	982.13	485.04	5.04	-0.54	0.168
102.00	-10.93	-2.45	0.00	-72.55	0.00	72.55	1,048.91	524.46	961.29	474.74	5.22	-0.57	0.163
103.50	-10.76	-2.42	0.00	-68.88	0.00	68.88	1,037.67	518.83	940.67	464.56	5.40	-0.60	0.159
105.00	-10.59	-2.39	0.00	-65.24	0.00	65.24	1,026.42	513.21	920.28	454.49	5.59	-0.62	0.154
106.50	-10.42	-2.37	0.00	-61.66	0.00	61.66	1,015.18	507.59	900.11	444.53	5.79	-0.65	0.149
108.00	-10.26	-2.34	0.00	-58.11	0.00	58.11	1,003.93	501.97	880.17	434.68	6.00	-0.67	0.144
109.50	-10.09	-2.31	0.00	-54.60	0.00	54.60	992.69	496.34	860.45	424.94	6.22	-0.70	0.139
110.00	-8.66	-1.75	0.00	-53.44	0.00	53.44	988.94	494.47	853.92	421.72	6.29	-0.71	0.135
110.00	-8.66	-1.75	0.00	-53.44	0.00	53.44	988.94	494.47	853.92	421.72	6.29	-0.71	0.179
111.00	-8.58	-1.74	0.00	-51.69	0.00	51.69	738.40	369.20	636.59	314.39	6.44	-0.72	0.176
112.50	-8.46	-1.72	0.00	-49.08	0.00	49.08	730.12	365.06	622.33	307.35	6.67	-0.75	0.171
114.00	-8.34	-1.71	0.00	-46.50	0.00	46.50	721.84	360.92	608.24	300.39	6.91	-0.78	0.166
115.50	-8.23	-1.70	0.00	-43.93	0.00	43.93	713.56	356.78	594.31	293.51	7.16	-0.81	0.161
117.00	-8.11	-1.68	0.00	-41.39	0.00	41.39	705.28	352.64	580.53	286.70	7.42	-0.84	0.156
118.50	-8.00	-1.67	0.00	-38.86	0.00	38.86	697.01	348.50	566.92	279.98	7.69	-0.87	0.150
120.00	-7.88	-1.66	0.00	-36.35	0.00	36.35	688.73	344.36	553.48	273.34	7.97	-0.90	0.144
121.50	-7.77	-1.65	0.00	-33.86	0.00	33.86	680.45	340.22	540.19	266.78	8.25	-0.92	0.138
123.00	-7.66	-1.64	0.00	-31.38	0.00	31.38	672.17	336.09	527.06	260.30	8.55	-0.95	0.132
124.50	-7.54	-1.63	0.00	-28.91	0.00	28.91	663.89	331.95	514.10	253.89	8.85	-0.97	0.125
126.00	-7.43	-1.63	0.00	-26.46	0.00	26.46	655.62	327.81	501.30	247.57	9.16	-0.99	0.118
127.50	-7.32	-1.62	0.00	-24.03	0.00	24.03	647.34	323.67	488.65	241.33	9.47	-1.02	0.111
129.00	-7.21	-1.61	0.00	-21.60	0.00	21.60	639.06	319.53	476.17	235.16	9.80	-1.04	0.103
130.50	-7.11	-1.60	0.00	-19.19	0.00	19.19	630.78	315.39	463.86	229.08	10.12	-1.06	0.095
132.00	-7.00	-1.59	0.00	-16.79	0.00	16.79	622.50	311.25	451.70	223.08	10.46	-1.07	0.087
133.00	-4.88	-1.01	0.00	-15.20	0.00	15.20	616.99	308.49	443.68	219.12	10.69	-1.08	0.077
133.50	-4.85	-1.01	0.00	-14.69	0.00	14.69	614.23	307.11	439.70	217.15	10.80	-1.09	0.076
135.00	-4.76	-1.00	0.00	-13.18	0.00	13.18	605.95	302.97	427.87	211.31	11.14	-1.10	0.070
136.50	-4.67	-0.99	0.00	-11.68	0.00	11.68	597.67	298.84	416.19	205.54	11.49	-1.12	0.065
138.00	-4.59	-0.98	0.00	-10.20	0.00	10.20	589.39	294.70	404.68	199.86	11.85	-1.13	0.059
139.50	-4.50	-0.97	0.00	-8.73	0.00	8.73	581.11	290.56	393.33	194.25	12.20	-1.14	0.053
140.00	-2.59	-0.86	0.00	-8.25	0.00	8.25	578.35	289.18	389.59	192.40	12.32	-1.14	0.047
141.00	-2.54	-0.86	0.00	-7.38	0.00	7.38	572.84	286.42	382.15	188.73	12.56	-1.15	0.044

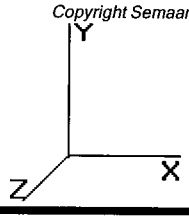


Load Case: 1.2D + 1.0E — Dead Load with Seismic — 26 Iterations

Gust Response Factor : 1.10
Dead Load Factor : 1.20
Wind Load Factor : 0.00
Seismic Load Factor : 1.00
Structure Frequency : 0.4902
Sds : 0.32
Sd1 : 0.14
SA : 0.07
Ss : 0.30
S1 : 0.09
Seismic Importance Factor : 1.00

142.50	-2.47	-0.84	0.00	-6.10	0.00	6.10	564.56	282.28	371.12	183.28	12.93	-1.16	0.038
144.00	-2.40	-0.83	0.00	-4.83	0.00	4.83	556.28	278.14	360.25	177.92	13.29	-1.17	0.031
145.50	-2.33	-0.81	0.00	-3.59	0.00	3.59	548.00	274.00	349.55	172.63	13.66	-1.17	0.025
147.00	-2.27	-0.80	0.00	-2.37	0.00	2.37	539.72	269.86	339.01	167.42	14.03	-1.18	0.018
148.50	-2.20	-0.78	0.00	-1.17	0.00	1.17	531.45	265.72	328.62	162.30	14.40	-1.18	0.011
150.00	0.00	-0.73	0.00	0.00	0.00	0.00	523.17	261.58	318.40	157.25	14.77	-1.18	0.000

Pole :	302523	Code: ANSI/TIA-222 Rev G	
Location :	New Milford CT 2, CT	Struct Class : II	
Height :	150.0 (ft)	Exposure Category : B	
Shape :	12 Sides	Topographic Category : 1	
Base Dia :	53.90 (in)		
Top Dia :	15.00 (in)		
Taper :	0.156700 (in/ft)	Base Elev : 0.000 (ft)	



Load Case: 0.9D + 1.0E — Dead Load with Seismic (Reduced DL) — 26 Iterations

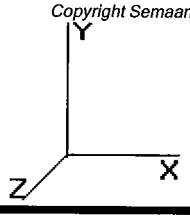
Gust Response Factor : 1.10		Sds : 0.32	Ss : 0.30
Dead Load Factor : 0.90	Seismic Load Factor : 1.00	Sd1 : 0.14	S1 : 0.09
Wind Load Factor : 0.00	Structure Frequency : 0.4902	SA : 0.07	Seismic Importance Factor : 1.00

Total Segment Forces (Factored)

R : 1.50

Seg Top Elev (ft)	Description	Wz (lb)	a	b	c	Lateral Fs (lb)
0.00		0.00	0.00	0.00	0.00	0.00
1.50		649.91	0.00	0.01	0.01	6.73
3.00		639.43	0.00	0.02	0.01	11.81
4.50		628.94	0.00	0.03	0.02	15.70
6.00		618.46	0.00	0.04	0.02	18.69
7.50		607.98	0.00	0.04	0.02	21.00
9.00		597.49	0.01	0.05	0.03	22.81
10.50		587.01	0.01	0.05	0.03	24.23
12.00		576.53	0.01	0.06	0.03	25.37
13.50		566.04	0.02	0.06	0.04	26.32
15.00	Top - Section 1	555.56	0.02	0.07	0.04	27.14
16.50		506.10	0.02	0.07	0.04	25.91
18.00		503.35	0.03	0.07	0.04	26.99
19.50		500.59	0.03	0.08	0.04	28.12
21.00		497.84	0.04	0.08	0.04	29.37
22.50		495.09	0.04	0.09	0.04	30.75
24.00		492.33	0.05	0.09	0.05	32.29
25.50		489.58	0.05	0.10	0.05	34.03
27.00		486.82	0.06	0.11	0.05	35.99
28.50		484.07	0.07	0.11	0.05	38.18
30.00		481.31	0.08	0.12	0.05	40.62
31.50		478.56	0.08	0.13	0.05	43.32
33.00		475.81	0.09	0.14	0.05	46.29
34.50		473.05	0.10	0.15	0.05	49.51
36.00		470.30	0.11	0.16	0.05	53.01
37.50		467.54	0.12	0.18	0.05	56.75
39.00		464.79	0.13	0.19	0.05	60.74
40.50		462.04	0.14	0.21	0.05	64.94
42.00		459.28	0.15	0.22	0.05	69.36
43.50		456.53	0.16	0.24	0.06	73.95
45.00		453.77	0.17	0.26	0.06	78.70
46.50		451.02	0.18	0.28	0.06	83.57
48.00		448.26	0.19	0.30	0.06	88.53
49.50		445.51	0.21	0.32	0.06	93.55
50.00	Appertunance(s)	256.79	0.21	0.33	0.06	55.00
51.00		294.86	0.22	0.35	0.07	65.66
52.50		440.00	0.23	0.37	0.07	103.63
54.00		437.25	0.24	0.40	0.07	108.63
55.00	Top - Section 2	289.97	0.25	0.41	0.07	74.53
55.50		132.63	0.26	0.42	0.07	34.66
57.00		396.20	0.27	0.45	0.08	108.63
58.50		393.69	0.29	0.47	0.08	112.93
60.00		391.17	0.30	0.50	0.08	117.08
61.50		388.65	0.32	0.53	0.09	121.06
63.00		386.14	0.33	0.56	0.09	124.84
64.50		383.62	0.35	0.58	0.09	128.41
66.00		381.10	0.37	0.61	0.10	131.74
67.50		378.59	0.38	0.64	0.10	134.82
69.00		376.07	0.40	0.67	0.11	137.63
70.50		373.55	0.42	0.69	0.11	140.16
72.00		371.04	0.44	0.72	0.12	142.39

Pole :	302523	Code: ANSI/TIA-222 Rev G	
Location :	New Milford CT 2, CT	Struct Class : II	
Height :	150.0 (ft)	Exposure Category : B	
Shape :	12 Sides	Topographic Category : 1	
Base Dia :	53.90 (in)		
Top Dia :	15.00 (in)		
Taper :	0.156700 (in/ft)	Base Elev : 0.000 (ft)	

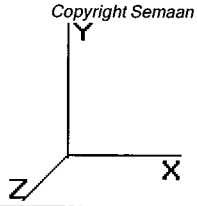


Load Case: 0.9D + 1.0E — Dead Load with Seismic (Reduced DL) — 26 Iterations

Gust Response Factor : 1.10
Dead Load Factor : 0.90
Wind Load Factor : 0.00
Seismic Load Factor : 1.00
Structure Frequency : 0.4902
Sds : 0.32
Sd1 : 0.14
SA : 0.07
Ss : 0.30
S1 : 0.09
Seismic Importance Factor : 1.00

73.50		368.52	0.45	0.74	0.12	144.33
75.00	Top - Section 3	474.90	0.47	0.77	0.13	189.37
76.50		291.81	0.49	0.79	0.13	118.21
78.00		289.80	0.51	0.81	0.13	118.99
79.50		287.79	0.53	0.83	0.14	119.50
81.00		285.77	0.55	0.85	0.14	119.74
82.50		283.76	0.57	0.86	0.15	119.70
84.00		281.75	0.59	0.88	0.15	119.39
84.11	Reinf Bottom	20.56	0.59	0.88	0.15	8.72
85.00	Top - Section 4	166.15	0.61	0.89	0.16	70.52
85.50		34.16	0.61	0.89	0.16	14.51
87.00		101.82	0.64	0.90	0.16	43.24
88.50		100.84	0.66	0.91	0.17	42.71
90.00		99.86	0.68	0.91	0.17	42.09
91.50		98.88	0.70	0.92	0.18	41.37
93.00		97.90	0.73	0.92	0.18	40.56
94.50	Reinf. Top	96.92	0.75	0.91	0.19	39.65
96.00		95.93	0.77	0.91	0.20	38.66
97.50		94.95	0.80	0.90	0.20	37.58
99.00		93.97	0.82	0.89	0.21	36.42
100.5		92.99	0.85	0.88	0.21	35.19
102.0		92.01	0.87	0.86	0.22	33.89
103.5		91.03	0.90	0.84	0.22	32.54
105.0		90.05	0.93	0.82	0.23	31.13
106.5		89.07	0.95	0.80	0.24	29.68
108.0		88.08	0.98	0.77	0.24	28.20
109.5		87.10	1.01	0.75	0.25	26.70
110.0	Top - Section 5	1820.42	1.02	0.74	0.25	549.64
111.0		43.11	1.03	0.72	0.26	12.61
112.5		64.06	1.06	0.69	0.27	17.83
114.0		63.34	1.09	0.66	0.28	16.72
115.5		62.62	1.12	0.63	0.29	15.63
117.0		61.90	1.15	0.60	0.30	14.58
118.5		61.18	1.18	0.57	0.31	13.58
120.0		60.45	1.21	0.55	0.32	12.64
121.5		59.73	1.24	0.52	0.33	11.77
123.0		59.01	1.27	0.50	0.35	10.98
124.5		58.29	1.30	0.48	0.37	10.29
126.0		57.56	1.33	0.46	0.39	9.71
127.5		56.84	1.37	0.46	0.41	9.24
129.0		56.12	1.40	0.45	0.43	8.89
130.5		55.40	1.43	0.46	0.45	8.68
132.0		54.68	1.46	0.47	0.48	8.60
133.0	Appertunance(s)	3404.15	1.49	0.49	0.50	541.72
133.5		17.90	1.50	0.50	0.51	2.87
135.0		53.23	1.53	0.54	0.55	8.86
136.5		52.51	1.57	0.59	0.59	9.21
138.0		51.79	1.60	0.66	0.63	9.70
139.5		51.06	1.63	0.74	0.67	10.34
140.0	Appertunance(s)	308.46	1.65	0.77	0.69	64.22
141.0		33.48	1.67	0.84	0.72	7.39
142.5		49.62	1.71	0.96	0.78	12.02
144.0		48.90	1.74	1.11	0.84	13.06
145.5		48.17	1.78	1.28	0.90	14.22
147.0		47.45	1.82	1.48	0.98	15.50
148.5		46.73	1.85	1.72	1.05	16.89
150.0	Appertunance(s)	1837.61	1.89	1.98	1.14	734.04

Pole :	302523	Code: ANSI/TIA-222 Rev G	
Location :	New Milford CT 2, CT	Struct Class : II	
Height :	150.0 (ft)	Exposure Category : B	
Shape :	12 Sides	Topographic Category : 1	
Base Dia :	53.90 (in)		
Top Dia :	15.00 (in)		
Taper :	0.156700 (in/ft)	Base Elev : 0.000 (ft)	



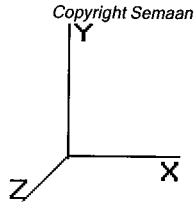
Load Case: 0.9D + 1.0E — Dead Load with Seismic (Reduced DL) — 26 Iterations

Gust Response Factor : 1.10		Sds : 0.32	Ss : 0.30
Dead Load Factor : 0.90	Seismic Load Factor : 1.00	Sd1 : 0.14	S1 : 0.09
Wind Load Factor : 0.00	Structure Frequency : 0.4902	SA : 0.07	Seismic Importance Factor : 1.00

Totals: 36,084.33 7,140.02 Total Wind : 25,482.9

Seismic Base Shear Not Tested Due To User Override - Analysis Required

Pole :	302523	Code: ANSI/TIA-222 Rev G	
Location :	New Milford CT 2, CT	Struct Class : II	
Height :	150.0 (ft)	Exposure Category : B	
Shape :	12 Sides	Topographic Category : 1	
Base Dia :	53.90 (in)		
Top Dia :	15.00 (in)		
Taper :	0.156700 (in/ft)	Base Elev : 0.000 (ft)	



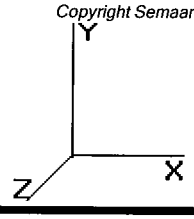
Load Case: 0.9D + 1.0E — Dead Load with Seismic (Reduced DL) — 26 Iterations

Gust Response Factor : 1.10		Sds : 0.32	Ss : 0.30
Dead Load Factor : 0.90	Seismic Load Factor : 1.00	Sd1 : 0.14	S1 : 0.09
Wind Load Factor : 0.00	Structure Frequency : 0.4902	SA : 0.07	Seismic Importance Factor : 1.00

Calculated Forces

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-37.07	-7.14	0.00	-607.42	0.00	607.42	4,435.89	2,217.94	9,673.15	4,777.21	0.00	0.00	0.136
1.50	-36.48	-7.14	0.00	-596.71	0.00	596.71	4,364.90	2,182.45	9,363.93	4,624.50	0.00	-0.01	0.137
3.00	-35.90	-7.13	0.00	-586.00	0.00	586.00	4,293.92	2,146.96	9,059.74	4,474.26	0.00	-0.01	0.139
4.50	-35.34	-7.12	0.00	-575.31	0.00	575.31	4,222.94	2,111.47	8,760.56	4,326.51	0.01	-0.02	0.141
6.00	-34.75	-7.10	0.00	-564.63	0.00	564.63	4,151.95	2,075.98	8,466.41	4,181.24	0.01	-0.02	0.143
7.50	-34.16	-7.08	0.00	-553.98	0.00	553.98	4,080.97	2,040.49	8,177.29	4,038.46	0.02	-0.03	0.146
9.00	-33.57	-7.06	0.00	-543.36	0.00	543.36	4,009.99	2,004.99	7,893.18	3,898.15	0.03	-0.04	0.148
10.50	-33.00	-7.04	0.00	-532.76	0.00	532.76	3,939.01	1,969.50	7,614.11	3,760.32	0.05	-0.04	0.150
12.00	-32.44	-7.02	0.00	-522.19	0.00	522.19	3,868.02	1,934.01	7,340.05	3,624.98	0.06	-0.05	0.152
13.50	-31.88	-7.00	0.00	-511.66	0.00	511.66	3,797.04	1,898.52	7,071.02	3,492.11	0.08	-0.06	0.155
15.00	-31.34	-6.98	0.00	-501.16	0.00	501.16	3,726.06	1,863.03	6,807.01	3,361.73	0.10	-0.06	0.158
15.00	-31.34	-6.98	0.00	-501.16	0.00	501.16	3,726.06	1,863.03	6,807.01	3,361.73	0.10	-0.06	0.162
16.50	-30.83	-6.95	0.00	-490.69	0.00	490.69	3,568.76	1,784.38	6,532.18	3,226.00	0.12	-0.07	0.161
18.00	-30.34	-6.93	0.00	-480.26	0.00	480.26	3,549.29	1,774.64	6,460.55	3,190.62	0.14	-0.08	0.159
19.50	-29.84	-6.91	0.00	-469.87	0.00	469.87	3,529.81	1,764.91	6,389.31	3,155.44	0.17	-0.09	0.157
21.00	-29.35	-6.88	0.00	-459.51	0.00	459.51	3,510.34	1,755.17	6,318.47	3,120.45	0.20	-0.10	0.156
22.50	-28.85	-6.85	0.00	-449.19	0.00	449.19	3,490.86	1,745.43	6,248.02	3,085.66	0.23	-0.10	0.154
24.00	-28.37	-6.82	0.00	-438.91	0.00	438.91	3,471.39	1,735.69	6,177.97	3,051.06	0.26	-0.11	0.152
25.50	-27.88	-6.79	0.00	-428.68	0.00	428.68	3,451.91	1,725.96	6,108.31	3,016.66	0.30	-0.12	0.150
27.00	-27.39	-6.76	0.00	-418.49	0.00	418.49	3,432.44	1,716.22	6,039.04	2,982.46	0.34	-0.13	0.148
28.50	-26.91	-6.72	0.00	-408.35	0.00	408.35	3,412.97	1,706.48	5,970.18	2,948.45	0.38	-0.14	0.146
30.00	-26.43	-6.68	0.00	-398.27	0.00	398.27	3,393.49	1,696.75	5,901.70	2,914.63	0.43	-0.14	0.144
31.50	-25.96	-6.64	0.00	-388.24	0.00	388.24	3,374.02	1,687.01	5,833.62	2,881.01	0.47	-0.15	0.142
33.00	-25.48	-6.60	0.00	-378.27	0.00	378.27	3,354.54	1,677.27	5,765.94	2,847.58	0.52	-0.16	0.140
34.50	-25.01	-6.55	0.00	-368.37	0.00	368.37	3,335.07	1,667.53	5,698.65	2,814.35	0.57	-0.17	0.138
36.00	-24.54	-6.50	0.00	-358.54	0.00	358.54	3,315.59	1,657.80	5,631.76	2,781.32	0.63	-0.17	0.136
37.50	-24.08	-6.45	0.00	-348.79	0.00	348.79	3,296.12	1,648.06	5,565.26	2,748.47	0.68	-0.18	0.134
39.00	-23.61	-6.39	0.00	-339.12	0.00	339.12	3,276.65	1,638.32	5,499.16	2,715.83	0.74	-0.19	0.132
40.50	-23.15	-6.32	0.00	-329.54	0.00	329.54	3,257.17	1,628.59	5,433.45	2,683.38	0.80	-0.20	0.130
42.00	-22.69	-6.26	0.00	-320.06	0.00	320.06	3,237.70	1,618.85	5,368.14	2,651.12	0.87	-0.20	0.128
43.50	-22.24	-6.18	0.00	-310.68	0.00	310.68	3,218.22	1,609.11	5,303.22	2,619.06	0.93	-0.21	0.126
45.00	-21.78	-6.10	0.00	-301.40	0.00	301.40	3,198.75	1,599.37	5,238.70	2,587.20	1.00	-0.22	0.123
46.50	-21.33	-6.02	0.00	-292.25	0.00	292.25	3,179.28	1,589.64	5,174.57	2,555.53	1.07	-0.23	0.121
48.00	-20.88	-5.93	0.00	-283.21	0.00	283.21	3,159.80	1,579.90	5,110.84	2,524.05	1.14	-0.23	0.119
49.50	-20.44	-5.84	0.00	-274.31	0.00	274.31	3,140.33	1,570.16	5,047.50	2,492.77	1.21	-0.24	0.117
50.00	-20.28	-5.79	0.00	-271.39	0.00	271.39	3,133.84	1,566.92	5,026.47	2,482.39	1.24	-0.24	0.116
51.00	-19.99	-5.72	0.00	-265.61	0.00	265.61	3,120.85	1,560.43	4,984.56	2,461.68	1.29	-0.25	0.114
52.50	-19.55	-5.62	0.00	-257.03	0.00	257.03	3,101.38	1,550.69	4,922.01	2,430.79	1.37	-0.25	0.112
54.00	-19.11	-5.51	0.00	-248.60	0.00	248.60	3,081.90	1,540.95	4,859.85	2,400.10	1.45	-0.26	0.110
55.00	-18.82	-5.43	0.00	-243.09	0.00	243.09	3,068.92	1,534.46	4,818.64	2,379.74	1.50	-0.26	0.108
55.00	-18.82	-5.43	0.00	-243.09	0.00	243.09	3,068.92	1,534.46	4,818.64	2,379.74	1.50	-0.26	0.129
55.50	-18.68	-5.40	0.00	-240.38	0.00	240.38	2,550.94	1,275.47	4,041.54	1,995.96	1.53	-0.27	0.128
57.00	-18.28	-5.29	0.00	-232.28	0.00	232.28	2,534.79	1,267.40	3,990.12	1,970.57	1.62	-0.27	0.125
58.50	-17.88	-5.18	0.00	-224.34	0.00	224.34	2,518.64	1,259.32	3,939.02	1,945.34	1.70	-0.28	0.122
60.00	-17.49	-5.06	0.00	-216.57	0.00	216.57	2,502.49	1,251.24	3,888.26	1,920.27	1.79	-0.29	0.120
61.50	-17.09	-4.94	0.00	-208.98	0.00	208.98	2,486.33	1,243.17	3,837.83	1,895.36	1.88	-0.29	0.117
63.00	-16.70	-4.82	0.00	-201.57	0.00	201.57	2,470.18	1,235.09	3,787.72	1,870.61	1.98	-0.30	0.115
64.50	-16.31	-4.69	0.00	-194.34	0.00	194.34	2,454.03	1,227.02	3,737.95	1,846.03	2.07	-0.30	0.112
66.00	-15.92	-4.55	0.00	-187.31	0.00	187.31	2,437.88	1,218.94	3,688.50	1,821.61	2.17	-0.31	0.109
67.50	-15.54	-4.42	0.00	-180.48	0.00	180.48	2,421.73	1,210.86	3,639.38	1,797.35	2.27	-0.32	0.107
69.00	-15.16	-4.28	0.00	-173.85	0.00	173.85	2,405.57	1,202.79	3,590.59	1,773.26	2.37	-0.32	0.104

Pole :	302523	Code: ANSI/TIA-222 Rev G	
Location :	New Milford CT 2, CT	Struct Class : II	
Height :	150.0 (ft)	Exposure Category : B	
Shape :	12 Sides	Topographic Category : 1	
Base Dia :	53.90 (in)		
Top Dia :	15.00 (in)		
Taper :	0.156700 (in/ft)	Base Elev : 0.000 (ft)	

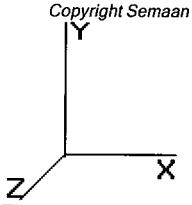


Load Case: 0.9D + 1.0E — Dead Load with Seismic (Reduced DL) — 26 Iterations

Gust Response Factor : 1.10 | Sds : 0.32 | Ss : 0.30
Dead Load Factor : 0.90 | Seismic Load Factor : 1.00 | Sd1 : 0.14 | S1 : 0.09
Wind Load Factor : 0.00 | Structure Frequency : 0.4902 | SA : 0.07 | Seismic Importance Factor : 1.00

70.50	-14.78	-4.14	0.00	-167.43	0.00	167.43	2,389.42	1,194.71	3,542.14	1,749.33	2.47	-0.33	0.102
72.00	-14.40	-4.00	0.00	-161.22	0.00	161.22	2,373.27	1,186.64	3,494.01	1,725.56	2.57	-0.33	0.100
73.50	-14.02	-3.85	0.00	-155.22	0.00	155.22	2,357.12	1,178.56	3,446.21	1,701.95	2.68	-0.34	0.097
75.00	-13.64	-3.66	0.00	-149.44	0.00	149.44	2,340.97	1,170.48	3,398.74	1,678.51	2.79	-0.35	0.095
75.00	-13.64	-3.66	0.00	-149.44	0.00	149.44	2,340.97	1,170.48	3,398.74	1,678.51	2.79	-0.35	0.106
76.50	-13.34	-3.54	0.00	-143.95	0.00	143.95	2,071.54	1,035.77	3,007.65	1,485.37	2.90	-0.35	0.103
78.00	-13.03	-3.42	0.00	-138.64	0.00	138.64	2,057.20	1,028.60	2,965.86	1,464.73	3.01	-0.36	0.101
79.50	-12.68	-3.30	0.00	-133.50	0.00	133.50	2,042.86	1,021.43	2,924.37	1,444.24	3.12	-0.36	0.099
81.00	-12.25	-3.18	0.00	-128.54	0.00	128.54	2,028.52	1,014.26	2,883.16	1,423.89	3.24	-0.37	0.096
82.50	-11.82	-3.06	0.00	-123.77	0.00	123.77	2,014.17	1,007.09	2,842.25	1,403.68	3.36	-0.38	0.094
84.00	-11.39	-2.94	0.00	-119.18	0.00	119.18	1,999.83	999.92	2,801.63	1,383.62	3.47	-0.38	0.092
84.11	-11.36	-2.93	0.00	-118.86	0.00	118.86	1,998.78	999.39	2,798.67	1,382.16	3.48	-0.38	0.092
85.00	-11.06	-2.86	0.00	-116.25	0.00	116.25	1,990.27	995.14	2,774.71	1,370.33	3.56	-0.39	0.058
85.00	-11.06	-2.86	0.00	-116.25	0.00	116.25	1,990.27	995.14	2,774.71	1,370.33	3.56	-0.39	0.055
85.50	-10.96	-2.85	0.00	-114.82	0.00	114.82	1,172.62	586.31	1,202.80	594.02	3.60	-0.39	0.071
87.00	-10.66	-2.80	0.00	-110.55	0.00	110.55	1,161.37	580.69	1,179.73	582.62	3.72	-0.40	0.068
88.50	-10.36	-2.76	0.00	-106.35	0.00	106.35	1,150.13	575.06	1,156.88	571.34	3.85	-0.41	0.066
90.00	-10.06	-2.72	0.00	-102.21	0.00	102.21	1,138.88	569.44	1,134.25	560.17	3.98	-0.42	0.064
91.50	-9.76	-2.67	0.00	-98.13	0.00	98.13	1,127.63	563.82	1,111.85	549.10	4.11	-0.43	0.062
93.00	-9.46	-2.63	0.00	-94.12	0.00	94.12	1,116.39	558.19	1,089.67	538.15	4.25	-0.44	0.060
94.50	-9.17	-2.59	0.00	-90.17	0.00	90.17	1,116.39	558.19	1,089.67	538.15	4.39	-0.45	0.058
94.50	-9.17	-2.59	0.00	-90.17	0.00	90.17	1,116.39	558.19	1,089.67	538.15	4.39	-0.45	0.179
96.00	-8.95	-2.55	0.00	-86.29	0.00	86.29	1,093.90	546.95	1,045.98	516.57	4.53	-0.46	0.175
97.50	-8.73	-2.52	0.00	-82.45	0.00	82.45	1,082.65	541.33	1,024.47	505.95	4.67	-0.48	0.171
99.00	-8.51	-2.49	0.00	-78.67	0.00	78.67	1,071.41	535.70	1,003.19	495.44	4.83	-0.51	0.167
100.50	-8.32	-2.45	0.00	-74.95	0.00	74.95	1,060.16	530.08	982.13	485.04	5.00	-0.54	0.162
102.00	-8.19	-2.42	0.00	-71.27	0.00	71.27	1,048.91	524.46	961.29	474.74	5.17	-0.56	0.158
103.50	-8.06	-2.39	0.00	-67.63	0.00	67.63	1,037.67	518.83	940.67	464.56	5.35	-0.59	0.153
105.00	-7.94	-2.36	0.00	-64.05	0.00	64.05	1,026.42	513.21	920.28	454.49	5.54	-0.62	0.149
106.50	-7.81	-2.33	0.00	-60.50	0.00	60.50	1,015.18	507.59	900.11	444.53	5.74	-0.64	0.144
108.00	-7.69	-2.31	0.00	-57.00	0.00	57.00	1,003.93	501.97	880.17	434.68	5.94	-0.67	0.139
109.50	-7.56	-2.28	0.00	-53.54	0.00	53.54	992.69	496.34	860.45	424.94	6.16	-0.69	0.134
110.00	-6.49	-1.72	0.00	-52.40	0.00	52.40	988.94	494.47	853.92	421.72	6.23	-0.70	0.131
110.00	-6.49	-1.72	0.00	-52.40	0.00	52.40	988.94	494.47	853.92	421.72	6.23	-0.70	0.173
111.00	-6.43	-1.71	0.00	-50.68	0.00	50.68	738.40	369.20	636.59	314.39	6.38	-0.71	0.170
112.50	-6.34	-1.69	0.00	-48.11	0.00	48.11	730.12	365.06	622.33	307.35	6.61	-0.74	0.165
114.00	-6.25	-1.68	0.00	-45.57	0.00	45.57	721.84	360.92	608.24	300.39	6.84	-0.77	0.160
115.50	-6.16	-1.67	0.00	-43.05	0.00	43.05	713.56	356.78	594.31	293.51	7.09	-0.80	0.155
117.00	-6.08	-1.65	0.00	-40.55	0.00	40.55	705.28	352.64	580.53	286.70	7.35	-0.83	0.150
118.50	-5.99	-1.64	0.00	-38.08	0.00	38.08	697.01	348.50	566.92	279.98	7.61	-0.86	0.145
120.00	-5.91	-1.63	0.00	-35.61	0.00	35.61	688.73	344.36	553.48	273.34	7.89	-0.88	0.139
121.50	-5.82	-1.62	0.00	-33.17	0.00	33.17	680.45	340.22	540.19	266.78	8.17	-0.91	0.133
123.00	-5.74	-1.61	0.00	-30.74	0.00	30.74	672.17	336.09	527.06	260.30	8.46	-0.93	0.127
124.50	-5.65	-1.60	0.00	-28.33	0.00	28.33	663.89	331.95	514.10	253.89	8.75	-0.96	0.120
126.00	-5.57	-1.59	0.00	-25.93	0.00	25.93	655.62	327.81	501.30	247.57	9.06	-0.98	0.113
127.50	-5.49	-1.58	0.00	-23.54	0.00	23.54	647.34	323.67	488.65	241.33	9.37	-1.00	0.106
129.00	-5.40	-1.57	0.00	-21.17	0.00	21.17	639.06	319.53	476.17	235.16	9.69	-1.02	0.098
130.50	-5.32	-1.57	0.00	-18.80	0.00	18.80	630.78	315.39	463.86	229.08	10.01	-1.04	0.091
132.00	-5.24	-1.56	0.00	-16.46	0.00	16.46	622.50	311.25	451.70	223.08	10.34	-1.06	0.082
133.00	-3.65	-0.99	0.00	-14.90	0.00	14.90	616.99	308.49	443.68	219.12	10.56	-1.07	0.074
133.50	-3.63	-0.98	0.00	-14.41	0.00	14.41	614.23	307.11	439.70	217.15	10.67	-1.07	0.072
135.00	-3.57	-0.97	0.00	-12.93	0.00	12.93	605.95	302.97	427.87	211.31	11.01	-1.09	0.067
136.50	-3.50	-0.96	0.00	-11.47	0.00	11.47	597.67	298.84	416.19	205.54	11.36	-1.10	0.062
138.00	-3.44	-0.95	0.00	-10.02	0.00	10.02	589.39	294.70	404.68	199.86	11.71	-1.11	0.056
139.50	-3.37	-0.94	0.00	-8.59	0.00	8.59	581.11	290.56	393.33	194.25	12.06	-1.12	0.050
140.00	-1.94	-0.85	0.00	-8.12	0.00	8.12	578.35	289.18	389.59	192.40	12.17	-1.13	0.046
141.00	-1.90	-0.84	0.00	-7.27	0.00	7.27	572.84	286.42	382.15	188.73	12.41	-1.13	0.042

Pole :	302523	Code: ANSI/TIA-222 Rev G	
Location :	New Milford CT 2, CT	Struct Class : II	
Height :	150.0 (ft)	Exposure Category : B	
Shape :	12 Sides	Topographic Category : 1	
Base Dia :	53.90 (in)		
Top Dia :	15.00 (in)		
Taper :	0.156700 (in/ft)	Base Elev : 0.000 (ft)	



Load Case: 0.9D + 1.0E — Dead Load with Seismic (Reduced DL) — 26 Iterations

Gust Response Factor : 1.10
Dead Load Factor : 0.90
Wind Load Factor : 0.00

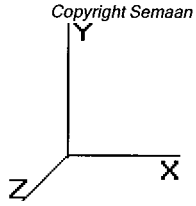
Seismic Load Factor : 1.00
Structure Frequency : 0.4902

Sds : 0.32
Sd1 : 0.14
SA : 0.07

Ss : 0.30
S1 : 0.09
Seismic Importance Factor : 1.00

142.50	-1.85	-0.83	0.00	-6.00	0.00	6.00	564.56	282.28	371.12	183.28	12.77	-1.14	0.036
144.00	-1.80	-0.82	0.00	-4.76	0.00	4.76	556.28	278.14	360.25	177.92	13.13	-1.15	0.030
145.50	-1.75	-0.80	0.00	-3.53	0.00	3.53	548.00	274.00	349.55	172.63	13.49	-1.16	0.024
147.00	-1.70	-0.79	0.00	-2.33	0.00	2.33	539.72	269.86	339.01	167.42	13.85	-1.16	0.017
148.50	-1.65	-0.77	0.00	-1.15	0.00	1.15	531.45	265.72	328.62	162.30	14.22	-1.16	0.010
150.00	0.00	-0.73	0.00	0.00	0.00	0.00	523.17	261.58	318.40	157.25	14.58	-1.16	0.000

Pole : 302523	Code: ANSI/TIA-222 Rev G		
Location : New Milford CT 2, CT	Struct Class : II		
Height : 150.0 (ft)	Exposure Category : B		
Shape : 12 Sides	Topographic Category : 1		
Base Dia : 53.90 (in)			
Top Dia : 15.00 (in)			
Taper : 0.156700 (in/ft)	Base Elev : 0.000 (ft)		



Analysis Summary

	Reactions						Max Usage	
Load Case	Shear FX (kips)	Shear FZ (kips)	Axial FY (kips)	Moment MX (ft-kips)	Moment MY (ft-kips)	Moment MZ (ft-kips)	Elev (ft)	Interaction Ratio
1.2D + 1.6W	25.49	0.00	49.24	0.00	0.00	2480.45	96.00	0.97
0.9D + 1.6W	25.12	0.00	37.06	0.00	0.00	2424.01	96.00	0.95
1.2D + 1.0Di + 1.0Wi	4.33	0.00	88.68	0.00	0.00	464.48	110.00	0.24
1.2D + 1.0E	7.14	0.00	49.25	0.00	0.00	611.01	96.00	0.18
0.9D + 1.0E	7.14	0.00	37.07	0.00	0.00	607.42	96.00	0.18

Additional Steel Summary

			Intermediate Connectors			Upper Termination Connectors				Lower Termination Connectors				Max Member		
Elev From (ft)	Elev To (ft)	Member	VQ/I (lb/in)	Shear Applied (kips)	Shear phiVn (kips)	MQ/I (kips)	phiVn (kips)	Num Reqd	Num Actual	MQ/I (kips)	phiVn (kips)	Num Reqd	Num Actual	Pu (kip)	phiPn (kip)	Ratio
84.1	94.5	(3) SOL-#20 All Thre	352.7	10.6	16.8	143.6	12.0	12	12	79.2	12.0	7	16	172.5	330.5	0.52

Base/Flange Plate	Plate Type	*Baseplate*	
	Pole Diameter	53.75	in
	Pole Thickness	0.375	in
	Plate Diameter	63.084	in
	Plate Thickness	2	in
	Plate Fy	60	ksi
	Weld Length	0.3125	in
	ϕ_s Resistance	339.05	k-in
	Applied	80.65	k-in
Stiffeners	#	*0*	

Bolts ?	#	*16*	
	Bolt Circle	58	in
	(R)adial / (S)quare	R	
	Diameter	1.75	in
	Hole Diameter	1.813	in
	Type	#18J	
	Fy	75	ksi
	Fu	100	ksi
	ϕ_s Resistance	142.46	k
	Applied	89.02	k
Reinforcement ?	#	*0*	
Extra Bolts O	#	*8*	
	Bolt Circle	44	in
	(R)adial / (S)quare	S	
	Bolt Gap	6	in
	Offset Angle	22.5	°
	Diameter	2.25	in
	Type	A325	
	Fy	92	ksi
	Fu	120	ksi
	ϕ_s Resistance	292.29	k
	Applied	113.98	k

Code Rev. **G**

Moment 2480.5 k-ft
Axial 49.2 k

Date	6/29/2009
Engineer	DRJ
Site #	302523
Carrier	Verizon

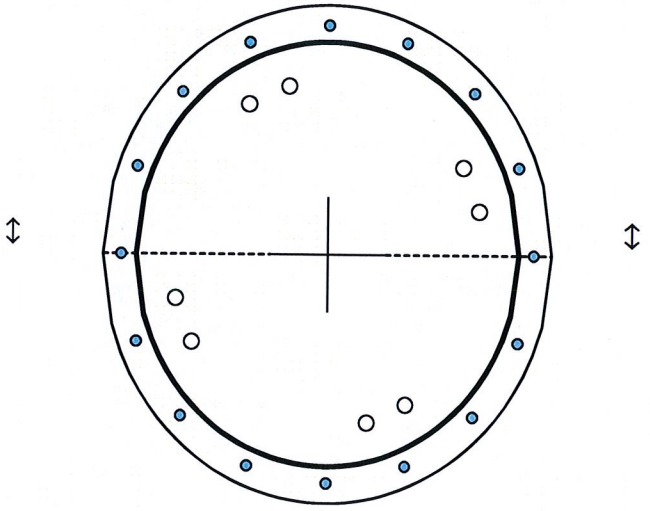


Plate Stress Ratio:
0.24 (Pass)

Bolt Stress Ratio:
0.62 (Pass)

Extra Bolt Stress Ratio:
0.39 (Pass)

Site Name:	New Milford CT2
Site Number:	302523
Engineer:	DRJ
Date:	6/25/2009

Splice Plate and Bolt Analysis

Moment:	302.1	k-ft
Shear/Leg:	10.8	k
Compression/Leg:	8.0	k

Assumptions

Splice Bolts are A325N
Flange to Shaft Weld Strength is 70 ksi
Maximum Bolt / Stiffener Ratio is 2/1

TIA-222 Code Revision (F/G):	G		Stiffener Height along Pole:	6.00	in
Lower Monopole Shaft Diameter:	21.3	in	Stiffener Length along Plate:	3.50	in
Lower Monopole Thickness:	0.250	in	Stiffener Thickness:	0.50	in
Splice Plate Thickness:	1.00	in	# of Stiffeners:	6	
Splice Plate Yield Strength:	60	ksi	Stiffener Yield Strength:	50	ksi
Fillet Weld Size:	0.250	in	Chamfer:	0.50	in
Weld Type (PP/F or F/F):	PP/F		Weld Size Along Pole:	0.313	
Splice Bolt Diameter:	1.00	in	Weld Size Along Plate:	0.313	
Splice Bolt Circle:	25.75	in	Weld Strength:	70	ksi
# of Splice Bolts:	12				
A_n:	0.61	in^2			
A_g:	0.79	in^2			
Stress Increase:	1.00				

Start Angle:	156.0	Degrees	Angle:	59.7	Degrees
Error:	0.00%		Effective Stiffener Area:	1.30	in^2
Difference:	0.00		Stiffener Strength Capacity:	58.3	k
Area:	11.4	in^2	Stiffener Moment Capacity:	50.4	k-in
Centriod from Center of Pole:	-2.18	in			
Inertia:	691.5	in^4	P_u:	50.4	k
Section Modulus, Tension:	45.9	in^3	C_1:	1.00	
Section Modulus, Compression:	81.9	in^3	l:	4.50	in
			a:	0.44	
Area of Bolt:	0.61	in^2	k:	0.16	
Inertia of Bolt:	0.03	in^4	C:	2.00	
Bolt Tension:	47.1	k	Minimum Weld Thickness:	0.296	in
Bolt Shear:	0.1	k	Weld Stress Ratio:	0.95	Result: OK
Tensile Bolt Capacity:	54.5	k			
Shear Bolt Capacity:	24.5	k			
Interaction Equation:	0.75	Result: OK			

Moment Arm:	2.25	in
Moment in Plate:	106.1	k-in
Baseplate Effective Width:	5.56	in
Section / Plastic Modulus:	1.39	in^3
Plate / Stiffener Moment Capacity:	125.5	k-in
Interaction Equation:	0.85	Result: OK

Weld Section Modulus:	354.7	in^2
Force / Weld:	10.2	k/in
Weld Capacity:	13.4	k/in
Interaction Equation:	0.76	Result: OK

Site Name:	**New Milford CT2**
Site Number:	**302523**
Engineer:	**DRJ**
Date:	**6/29/2009**

Concrete Strength Design per ACI318-05

Design Loads (Factored)

Compression/Leg:	49.2	k	Concrete Strength (f'_c):	3000	psi
Uplift/Leg:	0.0	k	Pad Tension Steel Depth:	32	in
Total Shear:	25.5	k	ϕ_{Shear}:	0.75	
Moment:	2480.5	k-ft	$\phi_{Flexure\ /\ Tension}$:	0.90	
Tower + Appurtenance Weight:	49.2	k	$\phi_{Compression:}$	0.65	
Diameter of Pier (d):	6.0	ft	b:	0.85	
Length of Pier (l):	5.5	ft	Pad Rebar Size #:	10	
Height of Pier above Ground (h):	0.5		# of Pad Tension Rebar:	35	
Width of Pad (W):	18.0	ft	Pad Lower Steel Area:	44.45	in^2
Length of Pad (L):	18.0	ft	Pad Steel F_y:	60000	psi
Thickness of Pad (t):	3.0	ft	Pier Rebar Size #:	11	
Tower Leg Center to Center:	0.0	ft (0 if not SST	Pier Steel Area (Single Bar):	1.56	in^2
Number of Tower Legs:	1	(1 if MP or GT	# of Pier Rebar:	52	
Tower Center from Mat Center:	0.0	ft	Pier Steel F_y:	60000	psi
Depth Below Ground Surface to Water Table:	14.0	ft	Pier Cage Diameter:	60.0	in
Unit Weight of Concrete:	150.0	pcf	Rebar Strain Limit:	0.008	
Unit Weight of Soil Above Water Table:	110.0	pcf	Steel Elastic Modulus:	29000	ksi
Unit Weight of Water:	62.4	pcf	Tie Rebar Size #:	4	
Friction Angle of Uplift:	20.0	Degrees	Tie Steel Area (Single Bar):	0.20	in^2
Ultimate Shear Strength Adhesion of Soil:	0.0	psf	Tie Spacing:	12	in
Ultimate Coefficient of Shear Friction:	0.5		Tie Steel F_y:	60000	psi
Ultimate Compressive Bearing Pressure:	5000.0	psf	$\phi_{TIA-222-G}$:	0.75	
Ultimate Passive Pressure on Pad Face:	0.0	psf	Minimum Dead Load Factor:	0.9	
Allowable Capacity Increase:	1.0		Maximum Dead Load Factor:	1.2	

Axial Weights

Weight of Concrete (Buoyancy Effect Considered):	169.1	k
Weight of Soil (Buoyancy Effect Considered):	162.6	k

Overturning Factor of Safety

Design OTM	2697.3	k-ft
OTM Resistance (ϕ = 0.8) (DLF = 0.9):	2819.1	k-ft
OTM Resistance (ϕ = 0.8) (DLF = 1.2):	3640.8	k-ft
OTM Design / Factored Nominal OTM Resistance:	0.96	Result: OK

Soil Bearing Pressure Usage:

Total Weight (Foundation, Soil, Tower):	457.2	k
Maximum Bearing Pressure:	4096	psf
Pressure Length:	6.2	ft
Net Bearing Pressure:	3216	psf
Factored Nominal Bearing Pressure:	3750	psf
Net Bearing Pressure/Factored Nominal Bearing Pressure:	0.86	Result: OK

Sliding Factor of Safety

Ultimate Friction Resistance:	149.3	k
Ultimate Passive Pressure Resistance:	0.0	k
Total Factored Nominal Sliding Resistance:	112.0	k
Sliding Design/Factored Nominal Sliding Resistance:	0.23	Result: OK

One Way Shear, Flexual Capacity, and Punching Shear

Critical Shear Length from Edge of Pad:	3.33	ft
Factored Pressure at Critical Section:	4096	psf
Factored One Way Shear (V_u):	245.8	k
One Way Shear Capacity (ϕV_c):	567.9	k - ACI11.3.1.1
$V_u / \phi V_c$:	0.43	Result: OK
Critical Moment Length from Edge of Pad:	6.00	ft
Factored Moment in Pad:	1327.2	k-ft
Pad Moment Capacity (ϕM_n):	5989.2	k-ft - ACI10.3
$M_u / \phi M_n$:	0.22	Result: OK
Pad Flexural Reinforcement Ratio:	0.0064	OK - Minimum Reinforcement Ratio Met - ACI10.5.1
Pad Shrinkage Reinforcement Ratio:	0.0129	OK - Shrinkage Reinforcement Ratio Met - ACI7.12.2.1
Pad Reinforcement Spacing:	6	in - Pad Reinforcing Spacing OK - ACI7.12.2.2 & 10.5.4
Factored Punching Shear (V_u):	0.0	k
Nominal Punching Shear Capacity ($\phi_c V_n$):	1718.0	k - ACI11.12.2.1
$V_u / \phi V_c$:	0.00	Result: OK
Factored Moment in Pier (M_u):	2620.8	k-ft
Pier Moment Capacity (ϕM_n):	10709.3	k-ft
$M_u / \phi M_n$:	0.24	Result: OK
Factored Shear in Pier (V_u):	25.5	k
Pier Shear Capacity (ϕV_n):	375.6	k
$V_u / \phi V_c$:	0.07	Result: OK
Pier Shear Reinforcement Ratio:	0.0015	No Ties Necessary for Shear - ACI11.5.6.1
Factored Tension in Pier (T_u):	0.0	k
Pier Tension Capacity (ϕT_n):	926.6	k
$T_u / \phi T_n$:	0.00	Result: OK
Factored Compression in Pier (P_u):	49.2	k
Pier Compression Capacity (ϕP_n):	7822.2	k - ACI10.3.6.2
$P_u / \phi P_n$:	0.01	Result: OK
Pier Compression Reinforcement Ratio:	0.020	OK - Reinforcement Ratio Met - ACI10.9.1 & 10.8.4

Total Concrete Used:	41.8	yd^3
Pad Rebar Weight:	10890	lb
Peir Rebar Weight:	2346	lb
Tie Weight:	91	lb
Total Weight:	14660	lb